

EPA Region 10
Deemed Releasable

Exhibit A

Bill No. 2702226S0064



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3123

Philip Spadaro
TIG Environmental
120 Westlake Avenue North, Suite 809
Seattle, Washington 98109
pspadaro@intell-group.com

RE: Portland Harbor Site-Wide Remedial Design Costs
Bill No. 2702226S0064
Docket No. CERCLA-10-2021-001

Philip Spadaro:

This Bill for Collection is for the Portland Harbor Swan Island Basin (10TC) cost of \$142,661.85 incurred by the United States for response activities conducted at the Portland Harbor Superfund site under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. §9601-§9675, as amended. These site-wide remedial design oversight costs were incurred for activities that apply to and benefit the entire site and are not specific to any one project area. As such, the costs in this bill have been divided equally by 17 (representing the total number of remedial designs). Enclosed is a cost report for the period of Day 1 – 12/31/2021.

Payment is due within **30 DAYS** of receipt and payment is considered delinquent if not paid by the due date. Interest may be assessed against a delinquent payment rate of **0.10%**. Please review and adhere to all procedures and requirements including dispute resolution, as specified in the above-referenced agreement.

Submit payments on-line to www.Pay.gov which accepts debit and credit cards and bank account Automated Clearing House (ACH). On the www.Pay.gov main page, enter sfo 1.1 in the search field to obtain EPA's Miscellaneous Payment Form – Cincinnati Finance Center. Complete the form with the due date, Site Name, Bill #, and SSID#. Once the form is completed email an acknowledgement of payment to CINWD_AcctsReceivable@epa.gov.

Direct billing cost questions to Madi Novak at 503-326-3277 or the site attorney Stephanie Mairs at 206-553-7359. Thank you for your cooperation.

Sincerely,

Emily Steinbach
Financial Management Officer

Enclosures: Cost Report for Day 1 – 12/31/2021

cc: Stephanie Mairs Doug Zamastil
Madi Novak

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Narrative Cost Summary

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

1. The United States Environmental Protection Agency has incurred at least \$425,430.53 for Regional Payroll Costs.
2. The United States Environmental Protection Agency has incurred at least \$382.13 for Headquarters Payroll Costs.
3. The United States Environmental Protection Agency has incurred costs of at least \$1,163,685.91 for REMEDIAL ACTION CONTRACT STRATEGY (RACS) contract expenditures. The total represents the amount spent under the CDM SMITH contract.
4. The United States Environmental Protection Agency has incurred at least \$835,752.93 for Indirect Costs.

Total Site Costs:

\$2,425,251.50

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Itemized Cost Summary

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC
CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

REGIONAL PAYROLL COSTS	\$425,430.53
HEADQUARTERS PAYROLL COSTS	\$382.13
REMEDIAL ACTION CONTRACT STRATEGY (RACS)	
CDM SMITH (68HE0318D0003)	\$1,163,685.91
EPA INDIRECT COSTS	\$835,752.93
Total Site Costs:	<div><div></div><div>\$2,425,251.50</div><div></div></div>

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
CAVENY, NICOLE	2021	23	4.00	287.26
		24	2.00	143.62
		25	1.00	71.81
	2022	03	0.50	36.26
		05	0.50	36.18
			<u>8.00</u>	<u>\$575.13</u>
CLARK, JOCELYN	2020	26	14.00	1,023.16
Environmental Engineer	2021	03	4.00	304.74
		04	4.00	304.74
		05	9.00	686.47
		06	11.00	838.29
		07	1.00	76.18
		08	9.00	693.25
		09	8.00	616.24
		10	13.00	1,001.38
		11	7.00	539.27
		12	10.00	733.63
		13	5.00	385.23
		14	8.00	616.21
		15	9.00	712.19
		16	8.00	632.95
		17	6.00	474.72
		18	8.00	632.98
		19	4.00	316.48
		20	5.00	396.34
		21	2.00	158.23
		22	4.00	316.49
		23	5.00	395.61
		24	2.00	158.23
		25	36.00	2,792.71
		26	5.00	395.61
		27	2.00	158.23
	2022	01	2.00	158.23
		02	5.00	398.70
		03	5.00	398.70
		04	3.00	239.22

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
CLARK, JOCELYN	2022	05	9.00	717.68
		06	14.00	1,058.54
		07	10.00	797.42
			<u>247.00</u>	<u>\$19,128.05</u>
CORA, LORI	2020	25	3.00	309.48
HOUCK, LORI L.		26	4.00	421.16
GENERAL ATTORNEY		27	1.00	105.29
	2021	01	1.00	105.29
		02	2.00	209.62
		03	1.00	101.45
			<u>12.00</u>	<u>\$1,252.29</u>
DEMARIA, EVA	2020	25	13.00	1,071.31
Environmental Protection Specialist		26	20.00	1,533.23
		27	1.00	82.41
	2021	01	3.00	247.21
		02	6.00	499.04
		03	7.00	582.22
		04	6.00	499.03
		05	8.50	647.12
		06	13.00	1,021.44
		08	36.00	3,026.38
		09	10.00	840.67
		10	19.50	1,639.31
		11	19.50	1,639.29
		12	32.50	2,661.63
		13	21.50	1,807.43
		14	8.00	672.53
		15	18.00	1,513.21
		16	21.00	1,765.38
		17	9.50	798.64
		18	13.00	1,088.72
		19	12.00	944.30
		20	8.50	713.80
		21	3.00	251.24
		22	5.00	418.74

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
DEMARIA, EVA	2021	23	7.00	586.23
		24	3.00	251.24
		25	12.00	934.26
		26	6.50	544.37
		27	6.00	502.49
	2022	01	5.00	418.74
		02	8.00	675.22
		03	8.00	675.23
		04	6.00	506.42
		05	7.00	591.20
		06	15.50	1,266.71
			<u>398.50</u>	<u>\$32,916.39</u>
EBRIGHT, STEPHANIE Attorney-Adviser	2021	16	2.00	191.58
		17	2.00	191.58
		18	2.00	191.58
		19	2.00	191.58
		20	1.00	95.79
		21	2.00	191.86
		22	2.00	191.58
		23	1.75	167.64
		24	3.25	311.31
		25	2.00	191.58
		26	2.00	191.58
		27	1.00	95.80
	2022	01	1.00	95.80
		02	1.50	144.82
		03	2.00	193.12
		04	2.00	193.12
FEDDERSEN-LETHE, KARIN Chemist	2021	05	1.25	120.68
		06	1.50	144.82
			<u>32.25</u>	<u>\$3,095.82</u>
		01	4.50	285.91
		04	28.25	1,812.66
		05	14.50	930.38
		07	5.00	320.90

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
FEDDERSEN-LETHE, KARIN	2021	09	1.50	97.33
			53.75	\$3,447.18
FLEMING, SHEILA SUPV ENVIRONMENTAL SCIENTIST	2021	24	0.50	52.38
			0.50	\$52.38
FRANCIS, RICHARD	2020	25	16.00	1,129.83
		26	48.50	3,339.74
		27	5.00	353.08
	2021	02	8.00	570.24
		03	10.00	712.81
		04	5.50	392.05
		05	13.00	878.01
		06	12.50	834.24
		07	3.00	213.84
		08	7.00	505.85
		09	7.50	542.00
		11	5.50	397.46
		12	11.50	831.04
		13	12.50	903.32
		14	9.50	686.53
		15	11.50	831.04
		16	12.50	903.32
		17	13.00	939.45
		18	8.50	614.94
		19	7.50	541.98
		20	8.50	614.86
		21	9.50	686.52
		22	8.00	578.12
		23	18.00	1,300.77
		24	10.00	722.66
		25	14.00	953.42
		26	5.50	397.45
		27	6.50	469.78
	2022	01	12.50	903.40
		02	12.00	874.08

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Regional Payroll Costs

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CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
FRANCIS, RICHARD	2022	03	18.50	1,347.57
		04	5.00	364.21
		05	15.25	1,110.85
		06	17.50	1,214.34
		07	4.00	291.36
			<u>392.75</u>	<u>\$27,950.16</u>
INGEMANSEN, DEAN GENERAL ATTORNEY	2020	25	2.50	279.82
		26	1.00	111.92
		27	1.00	111.92
	2021	01	0.50	55.98
		03	1.00	108.07
		04	1.00	108.07
		05	2.00	216.14
		10	1.00	114.15
		11	4.50	513.64
		12	3.00	342.42
		13	2.50	285.37
		14	2.00	228.30
		16	1.00	114.15
		17	1.00	114.15
		18	2.00	228.30
		19	2.00	228.28
		20	1.00	114.15
		21	2.00	228.48
		22	3.00	342.45
		24	1.00	114.15
		25	1.50	171.21
		26	1.00	114.15
	2022	02	2.00	230.10
		03	4.00	443.74
		04	1.00	110.17
		05	2.00	220.34
		06	1.00	110.17
			<u>47.50</u>	<u>\$5,359.79</u>
KNUDSEN, LAURA	2020	25	35.00	2,457.26

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Regional Payroll Costs

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CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
Environmental Protection Specialist	2020	26	51.00	3,811.86
	2021	01	20.75	1,550.88
		02	22.50	1,698.03
		03	34.00	2,565.94
		04	21.25	1,603.73
		05	32.50	2,452.71
		06	33.50	2,528.20
		07	21.00	1,584.74
		08	38.00	2,801.54
		09	32.50	2,329.33
		10	46.50	3,332.74
		11	40.50	2,902.68
		12	50.00	3,583.57
		13	50.00	3,583.55
		14	43.00	3,081.87
		15	56.50	4,049.43
		16	49.00	3,511.88
		17	43.00	3,081.87
		18	41.00	2,939.02
		19	44.50	3,189.37
		20	37.00	2,651.83
		21	43.00	3,083.65
		22	11.50	824.22
		23	24.00	1,720.12
		24	30.50	2,185.98
		25	27.00	1,935.16
		26	48.50	3,476.05
	27	15.00	1,075.20	
	2022	01	25.00	1,791.98
		02	29.00	2,095.52
		03	17.50	1,264.55
		04	42.50	3,071.02
		05	36.00	2,601.34
		06	53.00	3,829.79
		07	28.00	2,022.96
				1,273.50

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
LATIER, ANDREA Toxicologist	2020	26	1.00	74.65
		27	3.25	242.60
	2021	01	1.00	74.65
		02	10.75	810.25
		03	2.25	169.60
		05	1.00	75.38
		06	11.50	866.80
		07	6.25	471.08
		08	1.50	119.39
		09	2.00	159.16
		10	1.50	119.39
		11	9.75	775.93
		12	2.00	159.16
		13	5.00	397.92
		15	7.50	596.88
		16	0.75	59.67
		17	5.00	397.92
		20	3.75	298.82
	2022	02	6.25	501.28
		07	12.75	1,049.50
			<u>94.75</u>	<u>\$7,420.03</u>
LEAKE, BENJAMIN ENVIRONMENTAL ENGINEER (RPM)	2020	25	15.00	1,149.55
		26	21.00	1,500.11
		27	10.00	766.37
	2021	01	11.00	843.00
		02	13.00	1,005.49
		03	7.00	541.42
		04	13.50	1,044.15
		05	26.00	1,954.25
		06	29.00	2,186.29
		07	17.00	1,314.86
		08	26.50	2,073.23
		09	21.00	1,642.95
		10	27.00	2,112.35
		11	27.00	2,112.33
		12	33.00	2,524.17

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
LEAKE, BENJAMIN	2021	13	25.00	1,955.87
		14	18.50	1,447.35
		15	23.00	1,799.40
		16	20.50	1,603.82
		17	24.50	1,878.51
		18	22.50	1,760.29
		19	21.00	1,575.61
		20	15.00	1,174.64
		21	7.00	547.65
		22	4.00	312.95
		23	8.00	625.90
		24	10.00	782.35
		25	18.50	1,380.00
		26	14.50	1,134.48
		27	9.00	704.12
	2022	01	9.00	704.12
		02	18.00	1,419.12
		03	19.00	1,497.96
		04	4.00	323.59
		05	15.00	1,213.46
		06	20.50	1,587.67
		07	4.00	323.59
			<u>627.50</u>	<u>\$48,522.97</u>
LYNCH, KIRA P. Biologist	2021	12	4.00	434.72
		13	2.00	217.38
		14	1.00	108.69
		21	2.00	217.38
		23	1.00	108.69
		24	1.00	108.69
		25	2.00	217.36
	2022	03	1.00	109.56
		06	1.00	105.04
			<u>15.00</u>	<u>\$1,627.51</u>
MAIRS, STEPHANIE ASSISTANT REGIONAL COUNSEL	2021	01	0.75	71.00
		02	2.00	191.20

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
MAIRS, STEPHANIE	2021	03	2.00	191.20
		04	2.00	191.20
		05	2.00	184.82
		08	2.00	193.72
		09	1.00	96.86
		10	2.00	193.72
		11	1.00	96.86
		12	2.00	193.72
		13	1.50	145.29
		14	1.00	96.86
		15	2.00	193.72
		16	2.00	193.72
		17	2.00	193.72
		18	2.00	193.72
		20	2.00	193.56
		21	2.00	193.72
		22	2.00	193.56
		23	2.00	193.56
		24	2.00	193.56
		25	2.00	193.56
		26	2.00	193.56
	2022	02	2.00	195.16
		03	2.00	195.16
		04	2.00	195.16
		05	2.00	195.16
		06	2.00	192.14
			51.25	\$4,949.19
MCKENNA, ELIZABETH ASSISTANT REGIONAL COUNSEL	2021	14	2.50	279.29
		18	1.50	167.57
		20	1.00	111.73
		21	2.00	223.60
		22	9.00	1,005.42
		25	6.00	670.28
		26	11.00	1,228.86
		27	1.00	111.73
	2022	01	1.00	111.73

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
MCKENNA, ELIZABETH	2022	02	2.00	225.22
		03	1.00	111.90
		04	2.50	269.66
		05	1.00	107.86
		06	1.00	110.35
			42.50	\$4,735.20
NOVAK, ELIZABETH REMEDIAL PROJECT MANAGER	2021	02	8.00	579.66
		03	21.50	1,557.11
		04	17.00	1,231.21
		05	22.00	1,541.37
		06	31.00	2,193.21
		07	11.50	832.85
		08	18.50	1,342.22
		09	22.00	1,596.18
		10	35.50	2,575.65
		11	36.75	2,666.33
		12	44.25	3,151.43
		13	28.00	2,031.51
		14	19.25	1,396.67
		15	33.00	2,394.28
		16	21.50	1,559.91
		17	16.00	1,160.87
		18	19.50	1,414.80
		19	15.00	1,028.98
		20	24.75	1,797.52
		21	9.50	689.26
		22	7.75	562.30
		23	12.50	906.92
		24	8.50	616.70
		25	23.50	1,645.76
		26	14.00	990.35
		27	5.00	362.80
	2022	01	8.50	616.77
		02	13.00	950.70
		03	15.50	1,133.52
		04	18.25	1,334.64

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>	
NOVAK, ELIZABETH	2022	05	15.00	1,096.95	
		06	22.00	1,547.58	
		07	16.50	1,206.64	
			634.50	\$45,712.65	
SHAFFER, CALEB	2020	25	19.00	1,762.43	
Environmental Protection Specialist		26	53.00	4,837.48	
		27	12.50	1,159.34	
	2021	01	18.00	1,669.43	
		02	34.00	3,121.50	
		03	14.00	1,310.83	
		04	16.00	1,483.30	
		05	13.00	1,141.81	
		06	18.00	1,549.09	
		08	29.00	2,681.19	
		09	41.50	3,896.46	
		10	46.00	4,257.31	
		11	25.50	2,395.01	
		12	46.50	4,319.50	
		13	33.50	3,177.80	
		14	30.50	2,892.81	
		15	22.00	2,086.97	
		16	24.50	2,323.74	
		17	22.50	2,065.73	
		18	22.00	2,060.58	
		19	22.50	2,034.42	
		20	13.00	1,225.40	
		21	23.00	2,112.58	
		22	25.00	2,341.61	
		23	24.00	2,238.29	
		24	20.50	1,948.13	
		25	28.00	2,652.48	
		27	13.50	1,315.37	
	2022	01	12.00	1,169.21	
		02	22.00	2,115.78	
		03	20.00	1,964.23	
		04	23.50	2,307.96	

Certified By Financial Management Office

Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
SHAFFER, CALEB	2022	05	19.00	1,866.01
		06	25.50	2,425.92
			832.50	\$77,909.70
WROBLE, JULIE SUPERVISOR	2021	09	2.00	179.11
		10	4.00	358.22
		11	3.00	268.66
		12	7.50	635.85
		13	2.00	179.11
		14	7.00	626.88
		15	6.50	582.12
		16	4.50	403.00
		17	3.00	268.67
		18	3.50	313.44
		19	2.00	179.11
		20	3.50	313.52
		22	3.50	313.44
		23	4.00	358.41
		24	2.00	179.11
		25	4.00	358.22
		26	4.50	403.01
		27	5.00	447.82
	2022	01	2.00	179.12
		02	2.50	225.74
		03	6.50	586.92
		04	2.50	225.74
		05	2.00	180.60
		06	7.00	632.09
			94.00	\$8,397.91
YOUNG, HUNTER ENVIRONMENTAL ENGINEER (RPM)	2020	25	13.50	881.39
		26	25.50	1,600.18
		27	4.50	293.80
	2021	01	7.50	489.65
		02	10.00	634.53
		03	17.00	1,120.88
		04	9.50	626.39

Certified By Financial Management Office

Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
YOUNG, HUNTER	2021	05	15.25	1,005.49
		06	23.50	1,512.26
		07	9.50	626.37
		08	30.00	2,120.37
		09	26.75	1,890.48
		10	31.75	2,202.10
		11	24.00	1,696.16
		12	25.50	1,735.26
		13	23.25	1,643.14
		14	19.25	1,360.42
		15	21.50	1,519.45
		16	6.50	459.38
		17	13.00	918.72
		18	14.00	989.38
		19	10.50	683.44
		20	9.50	672.22
		21	9.50	671.39
		22	14.50	1,032.71
		23	7.00	512.64
		24	14.00	1,025.26
		25	11.00	765.52
		26	13.00	978.16
		27	5.00	376.23
	2022	01	10.50	790.08
		02	12.00	910.00
		03	11.00	834.16
		04	15.50	1,175.40
		05	16.00	1,213.30
		06	28.50	2,096.49
		07	8.50	644.57
			567.25	\$39,707.37
ZAMASTIL, DOUGLAS	2021	18	0.50	44.27

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Regional Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
Information Technology Specialist	2022	07	4.00	356.97
			4.50	\$401.24
Total Regional Payroll Costs			5,429.50	\$425,430.53

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Headquarters Payroll Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
DAUGHERTY, PAMELA ATTORNEY-ADVISER	2021	11	3.00	211.64
			<u>3.00</u>	<u>\$211.64</u>
WORTHMAN, GARY ENVIRONMENTAL PROTECTION SPECIALIST	2021	12	1.50	170.49
			<u>1.50</u>	<u>\$170.49</u>
Total Headquarters Payroll Costs			<u><u>4.50</u></u>	<u><u>\$382.13</u></u>

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Contract Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

REMEDIAL ACTION CONTRACT STRATEGY (RACS)

Contractor Name: CDM SMITH

EPA Contract Number: 68HE0318D0003

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	68HE0720F0078	06/28/2020	10/30/2021

Project Officer(s): SHAFFER, CALEB

Dates of Service: From: 06/28/2020 To: 10/30/2021

Summary of Service: ARCHITECHURAL & ENGR SVCS

Total Costs: \$1,163,685.91

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule</u>		<u>Site Amount</u>
			<u>Number</u>	<u>and Date</u>	
F0078_2	09/17/2020	297,986.61	AVC210007	10/08/2020	76,655.86
F0078_3	10/06/2020	307,346.71	AVC210019	10/26/2020	89,055.17
F0078_4	10/22/2020	396,254.10	AVC210032	11/10/2020	88,110.62
F0078_5R	12/11/2020	298,302.03	AVC210077	12/28/2020	65,555.65
F0078_6	12/18/2020	348,757.68	AVC210085	01/06/2021	82,049.92
F0078_7	01/20/2021	258,226.09	AVC210117	02/04/2021	56,825.42
F0078_8	02/19/2021	232,757.09		03/10/2021	51,719.70
F0078_9	03/23/2021	229,890.83	AVC210178	04/05/2021	72,706.10
F0078_10R	05/06/2021	254,526.41	AVC210217	05/19/2021	100,072.80
F0078_11	05/24/2021	231,155.03	AVC210233	06/10/2021	74,362.00
F0078_12	06/21/2021	268,367.42	AVC210253	07/09/2021	85,898.03
F0078_13	07/21/2021	314,020.64	AVC210275	08/09/2021	76,396.47
F0078_14	08/31/2021	264,418.62	AVC210308	09/14/2021	54,929.24
F0078_15	09/22/2021	354,201.52	AVC220008	10/08/2021	63,217.38
F0078_16	10/26/2021	528,836.95	AVC220031	11/12/2021	72,329.73
F0078_17	11/22/2021	555,164.99	AVC220050	12/10/2021	53,801.82
Total:					<u>\$1,163,685.91</u>

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

<u>Fiscal Year</u>	<u>Direct Costs</u>	<u>Indirect Rate(%)</u>	<u>Indirect Costs</u>
2020	30,409.37	54.10%	16,451.50
2021	1,296,444.49	52.55%	681,281.65
2022	262,644.71	52.55%	138,019.78
	<u>1,589,498.57</u>		
Total EPA Indirect Costs			<u>\$835,752.93</u>

Certified By Financial Management Office

EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
CLARK, JOCELYN	2020	26	1,023.16	54.10%	553.53
			1,023.16		\$553.53
CORA, LORI	2020	25	309.48	54.10%	167.43
		26	421.16	54.10%	227.85
		27	105.29	54.10%	56.96
			835.93		\$452.24
DEMARIA, EVA	2020	25	1,071.31	54.10%	579.58
		26	1,533.23	54.10%	829.48
		27	82.41	54.10%	44.58
			2,686.95		\$1,453.64
FRANCIS, RICHARD	2020	25	1,129.83	54.10%	611.24
		26	3,339.74	54.10%	1,806.80
		27	353.08	54.10%	191.02
			4,822.65		\$2,609.06
INGEMANSEN, DEAN	2020	25	279.82	54.10%	151.38
		26	111.92	54.10%	60.55
		27	111.92	54.10%	60.55
			503.66		\$272.48
KNUDSEN, LAURA	2020	25	2,457.26	54.10%	1,329.38
		26	3,811.86	54.10%	2,062.22
			6,269.12		\$3,391.60
LATIER, ANDREA	2020	26	74.65	54.10%	40.39

Certified By Financial Management Office

EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
LATIER, ANDREA	2020	27	242.60	54.10%	131.25
			317.25		\$171.64
LEAKE, BENJAMIN	2020	25	1,149.55	54.10%	621.91
		26	1,500.11	54.10%	811.56
		27	766.37	54.10%	414.61
			3,416.03		\$1,848.08
SHAFFER, CALEB	2020	25	1,762.43	54.10%	953.47
		26	4,837.48	54.10%	2,617.08
		27	1,159.34	54.10%	627.20
			7,759.25		\$4,197.75
YOUNG, HUNTER	2020	25	750.81	54.10%	406.19
			130.58	54.10%	70.64
		26	65.29	54.10%	35.32
			1,534.89	54.10%	830.38
		27	293.80	54.10%	158.95
			2,775.37		\$1,501.48
Total Fiscal Year 2020 Payroll Direct Costs:			30,409.37		\$16,451.50
Total Fiscal Year 2020:			30,409.37		\$16,451.50

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
CAVENY, NICOLE	2021	23	287.26	52.55%	150.96
		24	143.62	52.55%	75.47

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
CAVENY, NICOLE	2021	25	71.81	52.55%	37.74
			502.69		\$264.17
CLARK, JOCELYN	2021	03	304.74	52.55%	160.14
		04	304.74	52.55%	160.14
		05	686.47	52.55%	360.74
		06	838.29	52.55%	440.52
		07	76.18	52.55%	40.03
		08	693.25	52.55%	364.30
		09	616.24	52.55%	323.83
		10	1,001.38	52.55%	526.23
		11	539.27	52.55%	283.39
		12	733.63	52.55%	385.52
		13	385.23	52.55%	202.44
		14	616.21	52.55%	323.82
		15	712.19	52.55%	374.26
		16	632.95	52.55%	332.62
		17	474.72	52.55%	249.47
		18	632.98	52.55%	332.63
		19	316.48	52.55%	166.31
		20	396.34	52.55%	208.28
		21	158.23	52.55%	83.15
		22	316.49	52.55%	166.32
		23	395.61	52.55%	207.89
		24	158.23	52.55%	83.15
		25	2,792.71	52.55%	1,467.57
		26	395.61	52.55%	207.89
		27	158.23	52.55%	83.15
			14,336.40		\$7,533.79
CORA, LORI	2021	01	105.29	52.55%	55.33
		02	209.62	52.55%	110.16

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
CORA, LORI	2021	03	101.45	52.55%	53.31
			416.36		\$218.80
DAUGHERTY, PAMELA	2021	11	211.64	52.55%	111.22
			211.64		\$111.22
DEMARIA, EVA	2021	01	247.21	52.55%	129.91
		02	499.04	52.55%	262.25
		03	582.22	52.55%	305.96
		04	499.03	52.55%	262.24
		05	647.12	52.55%	340.06
		06	1,021.44	52.55%	536.77
		08	3,026.38	52.55%	1,590.36
		09	840.67	52.55%	441.77
		10	1,639.31	52.55%	861.46
		11	1,639.29	52.55%	861.45
		12	2,438.49	52.55%	1,281.43
			223.14	52.55%	117.26
		13	1,807.43	52.55%	949.80
		14	672.53	52.55%	353.41
		15	1,513.21	52.55%	795.19
		16	1,765.38	52.55%	927.71
		17	798.64	52.55%	419.69
		18	1,088.72	52.55%	572.12
		19	944.30	52.55%	496.23
		20	713.80	52.55%	375.10
		21	251.24	52.55%	132.03
		22	418.74	52.55%	220.05
		23	586.23	52.55%	308.06
		24	251.24	52.55%	132.03
		25	712.14	52.55%	374.23
			222.12	52.55%	116.72
		26	544.37	52.55%	286.07

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
DEMARIA, EVA	2021	27	502.49	52.55%	264.06
			26,095.92		\$13,713.42
EBRIGHT, STEPHANIE	2021	16	191.58	52.55%	100.68
		17	191.58	52.55%	100.68
		18	191.58	52.55%	100.68
		19	191.58	52.55%	100.68
		20	95.79	52.55%	50.34
		21	191.86	52.55%	100.82
		22	191.58	52.55%	100.68
		23	167.64	52.55%	88.09
		24	311.31	52.55%	163.59
		25	191.58	52.55%	100.68
		26	191.58	52.55%	100.68
		27	95.80	52.55%	50.34
			2,203.46		\$1,157.94
FEDDERSEN-LETHE, KARIN	2021	01	285.91	52.55%	150.25
		04	1,812.66	52.55%	952.55
		05	930.38	52.55%	488.91
		07	320.90	52.55%	168.63
		09	97.33	52.55%	51.15
			3,447.18		\$1,811.49
FLEMING, SHEILA	2021	24	52.38	52.55%	27.53
			52.38		\$27.53
FRANCIS, RICHARD	2021	02	570.24	52.55%	299.66
		03	712.81	52.55%	374.58
		04	392.05	52.55%	206.02
		05	878.01	52.55%	461.39

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
FRANCIS, RICHARD	2021	06	834.24	52.55%	438.39
		07	213.84	52.55%	112.37
		08	505.85	52.55%	265.82
		09	542.00	52.55%	284.82
		11	397.46	52.55%	208.87
		12	831.04	52.55%	436.71
		13	903.32	52.55%	474.69
		14	686.53	52.55%	360.77
		15	831.04	52.55%	436.71
		16	903.32	52.55%	474.69
		17	939.45	52.55%	493.68
		18	614.94	52.55%	323.15
		19	541.98	52.55%	284.81
		20	614.86	52.55%	323.11
		21	686.52	52.55%	360.77
		22	578.12	52.55%	303.80
		23	1,300.77	52.55%	683.55
		24	722.66	52.55%	379.76
		25	953.42	52.55%	501.02
		26	397.45	52.55%	208.86
		27	469.78	52.55%	246.87
			17,021.70		\$8,944.87
INGEMANSEN, DEAN	2021	01	55.98	52.55%	29.42
		03	108.07	52.55%	56.79
		04	108.07	52.55%	56.79
		05	216.14	52.55%	113.58
		10	114.15	52.55%	59.99
		11	513.64	52.55%	269.92
		12	342.42	52.55%	179.94
		13	285.37	52.55%	149.96
		14	228.30	52.55%	119.97
		16	114.15	52.55%	59.99
		17	114.15	52.55%	59.99

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
INGEMANSEN, DEAN	2021	18	228.30	52.55%	119.97
		19	228.28	52.55%	119.96
		20	114.15	52.55%	59.99
		21	228.48	52.55%	120.07
		22	342.45	52.55%	179.96
		24	114.15	52.55%	59.99
		25	171.21	52.55%	89.97
		26	114.15	52.55%	59.99
			3,741.61		\$1,966.24
KNUDSEN, LAURA	2021	01	1,550.88	52.55%	814.99
		02	1,698.03	52.55%	892.31
		03	2,565.94	52.55%	1,348.40
		04	1,603.73	52.55%	842.76
		05	2,452.71	52.55%	1,288.90
		06	2,528.20	52.55%	1,328.57
		07	1,584.74	52.55%	832.78
		08	2,801.54	52.55%	1,472.21
		09	2,329.33	52.55%	1,224.06
		10	3,332.74	52.55%	1,751.35
		11	2,902.68	52.55%	1,525.36
		12	3,583.57	52.55%	1,883.17
		13	3,583.55	52.55%	1,883.16
		14	3,081.87	52.55%	1,619.52
		15	4,049.43	52.55%	2,127.98
		16	3,511.88	52.55%	1,845.49
		17	3,081.87	52.55%	1,619.52
		18	2,939.02	52.55%	1,544.46
		19	3,189.37	52.55%	1,676.01
		20	2,651.83	52.55%	1,393.54
		21	3,083.65	52.55%	1,620.46
		22	824.22	52.55%	433.13
		23	1,720.12	52.55%	903.92
		24	2,185.98	52.55%	1,148.73

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
KNUDSEN, LAURA	2021	25	1,935.16	52.55%	1,016.93
		26	3,476.05	52.55%	1,826.66
		27	1,075.20	52.55%	565.02
			69,323.29		\$36,429.39
LATIER, ANDREA	2021	01	74.65	52.55%	39.23
		02	810.25	52.55%	425.79
		03	169.60	52.55%	89.12
		05	75.38	52.55%	39.61
		06	866.80	52.55%	455.50
		07	471.08	52.55%	247.55
		08	119.39	52.55%	62.74
		09	159.16	52.55%	83.64
		10	119.39	52.55%	62.74
		11	775.93	52.55%	407.75
		12	159.16	52.55%	83.64
		13	397.92	52.55%	209.11
		15	596.88	52.55%	313.66
		16	59.67	52.55%	31.36
		17	397.92	52.55%	209.11
		20	298.82	52.55%	157.03
			5,552.00		\$2,917.58
LEAKE, BENJAMIN	2021	01	843.00	52.55%	443.00
		02	1,005.49	52.55%	528.38
		03	541.42	52.55%	284.52
		04	1,044.15	52.55%	548.70
		05	1,954.25	52.55%	1,026.96
		06	2,186.29	52.55%	1,148.90
		07	1,314.86	52.55%	690.96
		08	2,073.23	52.55%	1,089.48
		09	1,642.95	52.55%	863.37
		10	2,112.35	52.55%	1,110.04

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
LEAKE, BENJAMIN	2021	11	2,112.33	52.55%	1,110.03
		12	2,524.17	52.55%	1,326.45
		13	1,955.87	52.55%	1,027.81
		14	1,447.35	52.55%	760.58
		15	1,799.40	52.55%	945.58
		16	1,603.82	52.55%	842.81
		17	1,878.51	52.55%	987.16
		18	1,760.29	52.55%	925.03
		19	1,575.61	52.55%	827.98
		20	1,174.64	52.55%	617.27
		21	547.65	52.55%	287.79
		22	312.95	52.55%	164.46
		23	625.90	52.55%	328.91
		24	782.35	52.55%	411.12
		25	1,380.00	52.55%	725.19
		26	1,134.48	52.55%	596.17
		27	704.12	52.55%	370.02
			38,037.43		\$19,988.67
LYNCH, KIRA P.	2021	12	434.72	52.55%	228.45
		13	217.38	52.55%	114.23
		14	108.69	52.55%	57.12
		21	217.38	52.55%	114.23
		23	108.69	52.55%	57.12
		24	108.69	52.55%	57.12
		25	217.36	52.55%	114.22
			1,412.91		\$742.49
MAIRS, STEPHANIE	2021	01	71.00	52.55%	37.31
		02	191.20	52.55%	100.48
		03	191.20	52.55%	100.48
		04	191.20	52.55%	100.48
		05	92.41	52.55%	48.56

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
MAIRS, STEPHANIE	2021	05	92.41	52.55%	48.56
		08	96.86	52.55%	50.90
			96.86	52.55%	50.90
		09	96.86	52.55%	50.90
		10	193.72	52.55%	101.80
		11	96.86	52.55%	50.90
		12	96.86	52.55%	50.90
			96.86	52.55%	50.90
		13	145.29	52.55%	76.35
		14	96.86	52.55%	50.90
		15	96.86	52.55%	50.90
			96.86	52.55%	50.90
		16	193.72	52.55%	101.80
		17	96.86	52.55%	50.90
			96.86	52.55%	50.90
		18	193.72	52.55%	101.80
		20	193.56	52.55%	101.72
		21	193.72	52.55%	101.80
		22	193.56	52.55%	101.72
		23	193.56	52.55%	101.72
		24	193.56	52.55%	101.72
		25	193.56	52.55%	101.72
		26	193.56	52.55%	101.72
			3,976.41		\$2,089.64
MCKENNA, ELIZABETH	2021	14	279.29	52.55%	146.77
		18	167.57	52.55%	88.06
		20	111.73	52.55%	58.71
		21	223.60	52.55%	117.50
		22	1,005.42	52.55%	528.35
		25	670.28	52.55%	352.23
		26	1,228.86	52.55%	645.77

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EPA Indirect Costs

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CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
MCKENNA, ELIZABETH	2021	27	111.73	52.55%	58.71
			3,798.48		\$1,996.10
NOVAK, ELIZABETH	2021	02	579.66	52.55%	304.61
		03	1,557.11	52.55%	818.26
		04	1,231.21	52.55%	647.00
		05	1,541.37	52.55%	809.99
		06	2,193.21	52.55%	1,152.53
		07	832.85	52.55%	437.66
		08	1,342.22	52.55%	705.34
		09	1,596.18	52.55%	838.79
		10	2,575.65	52.55%	1,353.50
		11	2,666.33	52.55%	1,401.16
		12	3,151.43	52.55%	1,656.08
		13	2,031.51	52.55%	1,067.56
		14	1,396.67	52.55%	733.95
		15	2,394.28	52.55%	1,258.19
		16	1,559.91	52.55%	819.73
		17	1,160.87	52.55%	610.04
		18	1,414.80	52.55%	743.48
		19	1,028.98	52.55%	540.73
		20	1,797.52	52.55%	944.60
		21	689.26	52.55%	362.21
		22	562.30	52.55%	295.49
		23	906.92	52.55%	476.59
		24	616.70	52.55%	324.08
		25	1,645.76	52.55%	864.85
		26	990.35	52.55%	520.43
		27	362.80	52.55%	190.65
			37,825.85		\$19,877.50
SHAFFER, CALEB	2021	01	1,669.43	52.55%	877.29
		02	3,121.50	52.55%	1,640.35

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EPA Indirect Costs

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CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
SHAFFER, CALEB	2021	03	1,310.83	52.55%	688.84
		04	1,483.30	52.55%	779.47
		05	1,141.81	52.55%	600.02
		06	1,549.09	52.55%	814.05
		08	2,681.19	52.55%	1,408.97
		09	3,896.46	52.55%	2,047.59
		10	4,257.31	52.55%	2,237.22
		11	2,395.01	52.55%	1,258.58
		12	4,319.50	52.55%	2,269.90
		13	3,177.80	52.55%	1,669.93
		14	2,892.81	52.55%	1,520.17
		15	2,086.97	52.55%	1,096.70
		16	2,323.74	52.55%	1,221.13
		17	2,065.73	52.55%	1,085.54
		18	2,060.58	52.55%	1,082.83
		19	2,034.42	52.55%	1,069.09
		20	1,225.40	52.55%	643.95
		21	2,112.58	52.55%	1,110.16
		22	2,341.61	52.55%	1,230.52
		23	2,238.29	52.55%	1,176.22
		24	1,948.13	52.55%	1,023.74
		25	2,652.48	52.55%	1,393.88
		27	1,315.37	52.55%	691.23
			<u>58,301.34</u>		<u>\$30,637.37</u>
WORTHMAN, GARY	2021	12	170.49	52.55%	89.59
			<u>170.49</u>		<u>\$89.59</u>
WROBLE, JULIE	2021	09	179.11	52.55%	94.12
		10	358.22	52.55%	188.24
		11	268.66	52.55%	141.18
		12	635.85	52.55%	334.14
		13	179.11	52.55%	94.12

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
WROBLE, JULIE	2021	14	626.88	52.55%	329.43
		15	582.12	52.55%	305.90
		16	403.00	52.55%	211.78
		17	268.67	52.55%	141.19
		18	313.44	52.55%	164.71
		19	179.11	52.55%	94.12
		20	313.52	52.55%	164.75
		22	313.44	52.55%	164.71
		23	358.41	52.55%	188.34
		24	179.11	52.55%	94.12
		25	358.22	52.55%	188.24
		26	403.01	52.55%	211.78
		27	447.82	52.55%	235.33
			6,367.70		\$3,346.20
YOUNG, HUNTER	2021	01	489.65	52.55%	257.31
		02	634.53	52.55%	333.45
		03	1,120.88	52.55%	589.02
		04	626.39	52.55%	329.17
		05	1,005.49	52.55%	528.38
		06	1,512.26	52.55%	794.69
		07	626.37	52.55%	329.16
		08	2,120.37	52.55%	1,114.25
		09	1,890.48	52.55%	993.45
		10	2,202.10	52.55%	1,157.20
		11	1,696.16	52.55%	891.33
		12	1,735.26	52.55%	911.88
		13	159.01	52.55%	83.56
			1,484.13	52.55%	779.91
		14	1,360.42	52.55%	714.90
		15	1,519.45	52.55%	798.47
		16	459.38	52.55%	241.40
		17	918.72	52.55%	482.79
		18	989.38	52.55%	519.92

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EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
YOUNG, HUNTER	2021	19	683.44	52.55%	359.15
		20	672.22	52.55%	353.25
		21	671.39	52.55%	352.82
		22	1,032.71	52.55%	542.69
		23	512.64	52.55%	269.39
		24	1,025.26	52.55%	538.77
		25	765.52	52.55%	402.28
		26	978.16	52.55%	514.02
		27	376.23	52.55%	197.71
		29,268.00		\$15,380.32	
ZAMASTIL, DOUGLAS	2021	18	44.27	52.55%	23.26
			44.27		\$23.26
Total Fiscal Year 2021 Payroll Direct Costs:			322,107.51		\$169,267.58

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
68HE0318D0003	F0078_2	10/08/2020	76,655.86	0.00	52.55%	40,282.65
	F0078_3	10/26/2020	89,055.17	0.00	52.55%	46,798.49
	F0078_4	11/10/2020	88,110.62	0.00	52.55%	46,302.13
	F0078_5R	12/28/2020	65,555.65	0.00	52.55%	34,449.49
	F0078_6	01/06/2021	82,049.92	0.00	52.55%	43,117.23
	F0078_7	02/04/2021	56,825.42	0.00	52.55%	29,861.76
	JV	03/10/2021	51,719.70	0.00	52.55%	27,178.70
	F0078_9	04/05/2021	72,706.10	0.00	52.55%	38,207.06
	F0078_10R	05/19/2021	71,540.82	0.00	52.55%	37,594.70
			28,531.98	0.00	52.55%	14,993.56
	F0078_11	06/10/2021	74,362.00	0.00	52.55%	39,077.23
	F0078_12	07/09/2021	85,898.03	0.00	52.55%	45,139.41

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EPA Indirect Costs

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CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
68HE0318D0003	F0078_13	08/09/2021	76,396.47	0.00	52.55%	40,146.34
	F0078_14	09/14/2021	54,929.24	0.00	52.55%	28,865.32
			974,336.98	0.00		\$512,014.07
Total Fiscal Year 2021 Other Direct Costs:			974,336.98	0.00		\$512,014.07
Total Fiscal Year 2021:			1,296,444.49			\$681,281.65

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
CAVENY, NICOLE	2022	03	36.26	52.55%	19.05
		05	36.18	52.55%	19.01
			72.44		\$38.06
CLARK, JOCELYN	2022	01	158.23	52.55%	83.15
		02	398.70	52.55%	209.52
		03	398.70	52.55%	209.52
		04	239.22	52.55%	125.71
		05	717.68	52.55%	377.14
		06	1,058.54	52.55%	556.26
		07	797.42	52.55%	419.04
			3,768.49		\$1,980.34
DEMARIA, EVA	2022	01	418.74	52.55%	220.05
		02	675.22	52.55%	354.83
		03	675.23	52.55%	354.83
		04	506.42	52.55%	266.12
		05	506.42	52.55%	266.12
			84.78	52.55%	44.55

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EPA Indirect Costs

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CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
DEMARIA, EVA	2022	06	228.15	52.55%	119.89
			1,038.56	52.55%	545.76
			4,133.52		\$2,172.15
EBRIGHT, STEPHANIE	2022	01	95.80	52.55%	50.34
		02	144.82	52.55%	76.10
		03	193.12	52.55%	101.48
		04	193.12	52.55%	101.48
		05	120.68	52.55%	63.42
		06	144.82	52.55%	76.10
			892.36		\$468.92
FRANCIS, RICHARD	2022	01	903.40	52.55%	474.74
		02	874.08	52.55%	459.33
		03	1,347.57	52.55%	708.15
		04	364.21	52.55%	191.39
		05	1,110.85	52.55%	583.75
		06	1,214.34	52.55%	638.14
		07	291.36	52.55%	153.11
			6,105.81		\$3,208.61
INGEMANSEN, DEAN	2022	02	230.10	52.55%	120.92
		03	443.74	52.55%	233.19
		04	110.17	52.55%	57.89
		05	220.34	52.55%	115.79
		06	110.17	52.55%	57.89
			1,114.52		\$585.68
KNUDSEN, LAURA	2022	01	1,791.98	52.55%	941.69
		02	2,095.52	52.55%	1,101.20
		03	1,264.55	52.55%	664.52

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
KNUDSEN, LAURA	2022	04	3,071.02	52.55%	1,613.82
		05	2,601.34	52.55%	1,367.00
		06	3,829.79	52.55%	2,012.55
		07	2,022.96	52.55%	1,063.07
			<u>16,677.16</u>		<u>\$8,763.85</u>
LATIER, ANDREA	2022	02	501.28	52.55%	263.42
		07	1,049.50	52.55%	551.51
			<u>1,550.78</u>		<u>\$814.93</u>
LEAKE, BENJAMIN	2022	01	704.12	52.55%	370.02
		02	1,419.12	52.55%	745.75
		03	1,497.96	52.55%	787.18
		04	323.59	52.55%	170.05
		05	1,213.46	52.55%	637.67
		06	1,587.67	52.55%	834.32
		07	323.59	52.55%	170.05
			<u>7,069.51</u>		<u>\$3,715.04</u>
LYNCH, KIRA P.	2022	03	109.56	52.55%	57.57
		06	105.04	52.55%	55.20
			<u>214.60</u>		<u>\$112.77</u>
MAIRS, STEPHANIE	2022	02	97.58	52.55%	51.28
			97.58	52.55%	51.28
		03	195.16	52.55%	102.56
		04	195.16	52.55%	102.56
		05	195.16	52.55%	102.56

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
MAIRS, STEPHANIE	2022	06	192.14	52.55%	100.97
			972.78		\$511.21
MCKENNA, ELIZABETH	2022	01	111.73	52.55%	58.71
		02	225.22	52.55%	118.35
		03	111.90	52.55%	58.80
		04	269.66	52.55%	141.71
		05	107.86	52.55%	56.68
		06	110.35	52.55%	57.99
			936.72		\$492.24
NOVAK, ELIZABETH	2022	01	616.77	52.55%	324.11
		02	950.70	52.55%	499.59
		03	1,133.52	52.55%	595.66
		04	1,334.64	52.55%	701.35
		05	1,096.95	52.55%	576.45
		06	1,547.58	52.55%	813.25
		07	1,206.64	52.55%	634.09
			7,886.80		\$4,144.50
SHAFFER, CALEB	2022	01	1,169.21	52.55%	614.42
		02	2,115.78	52.55%	1,111.84
		03	1,964.23	52.55%	1,032.20
		04	2,307.96	52.55%	1,212.83
		05	1,866.01	52.55%	980.59
		06	2,425.92	52.55%	1,274.82
			11,849.11		\$6,226.70
WROBLE, JULIE	2022	01	179.12	52.55%	94.13
		02	225.74	52.55%	118.63
		03	586.92	52.55%	308.43

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
WROBLE, JULIE	2022	04	225.74	52.55%	118.63
		05	180.60	52.55%	94.91
		06	632.09	52.55%	332.16
			2,030.21		\$1,066.89
YOUNG, HUNTER	2022	01	790.08	52.55%	415.19
		02	910.00	52.55%	478.21
		03	834.16	52.55%	438.35
		04	1,175.40	52.55%	617.67
		05	1,213.30	52.55%	637.59
		06	2,058.57	52.55%	1,081.78
			37.92	52.55%	19.93
		07	644.57	52.55%	338.72
	7,664.00		\$4,027.44		
ZAMASTIL, DOUGLAS	2022	07	356.97	52.55%	187.59
			356.97		\$187.59
Total Fiscal Year 2022 Payroll Direct Costs:			73,295.78		\$38,516.92

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
68HE0318D0003	F0078_15	10/08/2021	63,217.38	0.00	52.55%	33,220.73
	F0078_16	11/12/2021	72,329.73	0.00	52.55%	38,009.27

Certified By Financial Management Office

EPA Indirect Costs

PORTLAND HARBOR GEN RD OVERSIGHT, PORTLAND, OR SITE ID = 10 TC

CERTIFIED COST RECOVERY PACKAGE FROM DAY 1 - 12/31/2021

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
68HE0318D0003F0078_17		12/10/2021	53,801.82	0.00	52.55%	28,272.86
			189,348.93	0.00		\$99,502.86
Total Fiscal Year 2022 Other Direct Costs:			189,348.93	0.00		\$99,502.86
Total Fiscal Year 2022:			262,644.71			\$138,019.78
Total EPA Indirect Costs						\$835,752.93

Exhibit B

Subsequent EPA Documentation

Task Order Progress Report

Portland Harbor

(10TC Tasks)

Contract No: 68HE0318D0003

Task Order No: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 05/27/2020 to 06/27/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B Task and Site ID Crosswalk

II. Discussion of Activities Conducted During the Reporting Period

The following provides a discussion of activities performed during the reporting period by task. Tasks in the contract not identified below had no activity during this reporting period.

Task 3.0 – Project Management, Monitoring and Reporting

- Performed regular work assignment maintenance such as weekly financial tracking, monthly invoice preparation, and general work assignment correspondence for the U.S. Environmental Protection Agency (EPA) remedial project manager (RPM).
- Setting up the new contract work breakdown structure with EPA project billing codes for cost recovery purposes into CDM Smith's accounting system.
- Evaluating funded tasks and reporting to EPA additional task funding needs for the UAO ASAOs, Biological Assessment, field oversight, split sampling, ongoing data management and scribe support.

Task 15.1 – Technical Assistance Meeting Support

- Attended Portland Sediment Evaluation Team meetings on June 17, 2020.
- Attended weekly EPA team meetings on June 16 and 23, 2020.
- Held and attended RPM/task lead coordination calls on June 18 and 25, 2020.
- Prepared and provided EPA a list that describes CERCLA Coordination Permitting activities and a List of Technical Meetings for the June 24, 2020 TCT Meeting
- Attended a TCT meeting on June 24, 2020.
- Attended a meeting with EPA on June 18, 2020, to discuss application of ROD Table 16 COCs.
- Attended a meeting with EPA on June 24, 2020 to discuss new direction with Portland Harbor Interim Database and EPA Scribe access for the Public.

Task 15.2 – Technical Assistance

- Continue preparing updated information in the remedial design (RD) guide, including a new Frequently Commented summary by RD deliverable appendix and finalizing Points of Compliance/Long-Term Monitoring Appendix C.

- Updating the administrative settlement agreement and order on consent (ASAOC) RD tracking table.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000001
 Invoice Period: 27-MAY-2020 to 27-JUN-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171					0.00%	0.00%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699					0.00%	0.00%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750					0.00%	0.00%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536					0.00%	0.00%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	355.9	\$55,169.21	355.9	\$55,169.21	3.71%	3.71%
4	Community Involvement	10TCBE00	\$275,817	\$275,817					0.00%	0.00%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968					0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051					0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491					0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	24.0	\$3,605.16	24.0	\$3,605.16	0.87%	0.87%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	8.5	\$1,065.28	8.5	\$1,065.28	1.15%	1.15%
	Subtotal		\$2,569,904	\$2,569,904	388.4	\$59,839.65	388.4	\$59,839.65		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316					0.00%	0.00%
	Total Option 46		\$85,316	\$85,316	0.0	\$0.00	0.0	\$0.00		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890					0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #2 Portland Harbor Superfund Site (10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 07/26/2020 to 08/22/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following provides a discussion of activities performed during the reporting period by task. Tasks in the contract not identified below had no activity during this reporting period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular work assignment maintenance, such as weekly financial tracking, monthly invoice preparation, and general work assignment correspondence for the EPA Remedial Project Manager (RPM).
- Set up the new contract work breakdown structure with EPA project billing codes for cost recovery purposes into CDM Smith's accounting system.
- Evaluated funded tasks and reporting to EPA additional task funding needs for the data management work, unilateral administrative order (UAO) administrative settlement agreements and orders on consent (ASAOCs), biological assessment, field oversight, split sampling, ongoing data management, and Scribe support.
- Provided a draft and updated draft summary of activities and estimated effort for the DMP, Portland Harbor interim database, and Scribe data management.
- Provided documentation on July 20, 2020, for acknowledging rebudgeting the option tasks, specifically, for the fund-lead options.

Task 4.0 – Community Involvement Support

- Prepared a map and info link for a Community Assistance Group request for sediment management area (SMA) information in the Cathedral Park area.
- Provided answers to risk communication questions on Cathedral Park beach remedial investigation composite sampling.
- Provided presentation slides on site history from previous Portland Harbor presentations.
- Attended a meeting with the EPA Region 10 Community Involvement Coordinator on July 22, 2020, to discuss risks at Cathedral Park.
- Developed risk uncertainty slides on Cathedral Park and calculated carcinogenic polycyclic aromatic hydrocarbon risk in preparation for the August 6, 2020 community meeting.
- For community engagement, prepared a summary of remedial investigation composite beach sampling at the Cathedral Park beach.

- Revised EPA talking points for the Cathedral Park community meeting.

Task 15.1 – Technical Assistance Meeting Support

- Attended Portland Sediment Evaluation Team meetings on July 1, 15, and 22, 2020.
- Attended weekly EPA team meetings on June 30 and July 7, 14, and 21, 2020.
- Held and attended EPA RPM/task lead coordination calls on July 2, 9, 16, and 23, 2020.
- Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the July 8 and 22, 2020 TCT meetings
- Attended a TCT meetings on July 8 and 22, 2020.
- Attended a meeting on July 15, 2020, with EPA and agency partners on planning the programmatic biological assessment.
- Attended a meeting with EPA and Oregon Department of Environmental Quality (ODEQ) on July 21, 2020, to discuss ODEQ plans and purpose for establishing trigger and screening-level values for the downtown and upriver reaches of the Willamette River.

Task 15.2 – Technical Assistance

- Continued preparing updated information in the RD guide, including a new Frequently Commented summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long-Term Monitoring.
- Continued updating the ASAOC RD tracking table.
- Provided consultation and documentation on the RD Cost Estimation Guidance.
- Prepared a draft and final statement for EPA to use on sufficiency assessment report (SAR) reviews/final approval submittals to clarify the separation of this review/approval with their allocation needs.
- Provided EPA a list of updates needed to finalize the programmatic biological assessment.
- Prepared a draft and final responsiveness review and approval process, Part 2/Page 2 of the RD deliverable review process flow chart.
- Prepared draft and final comments on the response to comment (RTC) screening process in SAR reviews.
- Developed draft mitigation text for the RD Guideline, Appendix B.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000002
 Invoice Period: 28-JUN-2020 to 25-JUL-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
	Site Wide Effort - Base									
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			0.0	\$0.00	0.00%	0.00%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699			0.0	\$0.00	0.00%	0.00%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			0.0	\$0.00	0.00%	0.00%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			0.0	\$0.00	0.00%	0.00%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	336.1	\$47,823.19	692.0	\$102,992.40	6.92%	6.92%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	19.5	\$2,920.59	19.5	\$2,920.59	1.06%	1.06%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	60.5	\$9,527.51	84.5	\$13,132.67	3.17%	3.17%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	29.5	\$3,408.69	38.0	\$4,473.97	4.81%	4.81%
	Subtotal		\$2,569,904	\$2,569,904	445.6	\$63,679.98	834.0	\$123,519.63		
	Site Wide Work- Options									
	Option 46									
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316			0.0	\$0.00	0.00%	0.00%
	Total Option 46		\$85,316	\$85,316	0.0	\$0.00	0.0	\$0.00		
	Option 47									
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #3 Portland Harbor Superfund Site (10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 07/26/2020 to 08/22/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.1 – Kickoff Meeting

- Conducted a combined project kickoff meeting and project quality management (PQM) meeting with EPA staff on August 11, 2020.

Task 2.1 – Split Sampling QAPP

- Initiated development of the programmatic split sampling quality assurance project plan (QAPP) for Portland Harbor remedial design (RD) field oversight.

Task 2.5 – Health and Safety Plan (HASP)

- Initiated development of the programmatic HASP for Portland Harbor RD field oversight and fund lead pre-design investigation (PDI) work.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular work assignment maintenance, such as weekly financial tracking, monthly invoice preparation, and general work assignment correspondence, for the EPA Lead Task Order Client Officer Representative (TOCOR).
- Prepared for and facilitated a PQM meeting on August 11, 2020.
- Evaluated funded tasks and reporting to EPA additional task funding needs for the field oversight, split sampling, ongoing data management, and Scribe support.
- Developed and provided a draft change notification form for EPA review and approval.
- Revised and updated Invoice #1 to include a report showing labor support schedule of charges by name and task.

Task 4.0 – Community Involvement Support

- Developed revisions to EPA's version #2 message map for the Cathedral Park community meeting.
- Provided edits to EPA presentation for Cathedral Park community meeting.
- Completed risk uncertainty slides on Cathedral Park and calculated carcinogenic polycyclic

- aromatic hydrocarbon risk in preparation for the August 6, 2020 community meeting.
- Provided updated talking points and map on sediment management areas offshore of Cathedral Park for Cathedral Park community meeting.
- Provided response to follow-up questions asked at the Cathedral Park community meeting.

Task 15.1 – Technical Assistance Meeting Support

- Attended Portland Sediment Evaluation Team meeting on August 12, 2020.
- Attended weekly EPA team meetings on July 28 and August 4, 11, and 18, 2020.
- Held and attended EPA RPM/task lead coordination calls on July 30 and August 6, 13, and 20, 2020.
- Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the August 12, 2020 Technical Coordination Team (TCT) meetings.
- Attended a TCT meeting on August 12, 2020.
- Attended a meeting on August 19, 2020, with EPA and agency partners on planning the programmatic biological assessment.
- Attended a meeting with EPA and Oregon Department of Environmental Quality (ODEQ) on July 27, 2020, to discuss ODEQ Upriver Reach sampling plan.

Task 15.2 – Technical Assistance

- Continued preparing updated information in the RD guide, including a new Frequently Commented summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long-Term Monitoring.
- Continued updating the administrative settlement agreements and orders on consent (ASAOs) RD tracking table.
- Developed and provided rationale for split sampling during RD oversight.
- Updated habitat mitigation text to address and incorporate EPA (ORC) comments for the RD Guideline, Appendix B.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000003
 Invoice Period: 26-JUL-2020 to 22-AUG-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171	63.5	\$8,709.69	63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699			0.0	\$0.00	0.00%	0.00%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	27.5	\$4,856.18	27.5	\$4,856.18	20.45%	20.45%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	67.0	\$8,305.72	67.0	\$8,305.72	57.14%	57.14%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	333.8	\$53,726.78	1025.7	\$156,719.18	10.53%	10.53%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	33.5	\$5,312.80	53.0	\$8,233.39	2.99%	2.99%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	45.5	\$7,341.13	130.0	\$20,473.80	4.94%	4.94%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	15.0	\$2,024.54	53.0	\$6,498.51	6.99%	6.99%
	Subtotal		\$2,569,904	\$2,569,904	585.8	\$90,276.84	1419.7	\$213,796.47		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316			0.0	\$0.00	0.00%	0.00%
	Total Option 46		\$85,316	\$85,316	0.0	\$0.00	0.0	\$0.00		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #4

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 08/23/2020 to 09/26/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during the period. Itemized hours and costs per task, and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes, are provided in Attachment B.

Task 1.4 – Planning Meetings

- Conducted planning meetings with CDM Smith technical leads and EPA to discuss scope and level of effort regarding the fund-lead pre-design investigation (PDI) and preliminary remedial design (RD) work.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Continued developing the programmatic split sampling quality assurance project plan for Portland Harbor RD field oversight.

Task 2.5 – Health and Safety Plan

- Completed developing and delivered the draft programmatic health and safety plan for Portland Harbor RD field oversight and fund-lead PDI work.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, and general task order correspondence, for the EPA Lead Task Order Client Officer Representative (TOCOR).
- Prepared a resubmittal of Invoice #1 with a labor support schedule of charges by employee name and task.
- Incorporated and set up the additional tasks funded under Contract Modifications P00001 and P00002 in CDM Smith's project management system.
- Prepared a price proposal in response to Task Order Statement of Work Revision 4 (09/01/2020), RFO No. 68HE0719R0034 that added scope and funding to Task 2.4 Data Management Plan and a new task, Task 8.3 Scribe Management Support.
- Evaluated funded tasks and reported to EPA additional task funding needs for field oversight, split sampling, and other potential option tasks that may require funding before the end of the year, such as the Swan Island Lagoon RD.
- Developed a revised draft change notification form for EPA review and approval.

- Attended a meeting on September 2, 2020, with the EPA lead TOCOR and Contracting Officer to discuss information needs and format for a revised change notification form.
- Submitted a draft change notification form involving refinement of work scope and planning for fund-lead PDI and preliminary RD work.
- Submitted a draft change notification form that identifies extra work effort requested under the referral package support.

Task 4.0 – Community Involvement Support

- Provided responses to follow-up questions asked at the Cathedral Park community meeting.
- Provided edits to the meetings notes from the August 6, 2020 community meeting.
- Provided edits and revisions to the EPA presentation for the Cathedral Park community meeting.
- Attended preparation meetings for the September 16, 2020 public forum.
- Provided a compilation of web links to Portland Harbor publicly available data for an interested community member.

Task 15.1 – Technical Assistance Meeting Support

- Attended Portland Sediment Evaluation Team meetings on September 2, 9, and 16, 2020.
- Attended weekly EPA team meetings on August 25 and September 1, 8, 15, and 22, 2020.
- Held and attended EPA RPM/task lead coordination calls on August 27 and September 3, 10, 17, and 24, 2020.
- Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the August 26 and September 9 and 23, 2020 Technical Coordination Team (TCT) meetings.
- Attended TCT meetings on August 26, September 9 and 23, 2020.
- Attended meetings with EPA and Oregon Department of Environmental Quality (ODEQ) on August 24 and September 10, 2020, to discuss the ODEQ Upriver Reach data validation plan and sampling logistics.

Task 15.2 – Technical Assistance

- Continued preparing updated information in the RD guide, including a new Frequently Commented summary by RD deliverable appendix and finalizing *Appendix C Points of Compliance/Long-Term Monitoring*.
- Continued updating the administrative settlement agreements and orders on consent (ASAOs) RD tracking table.
- Initiated preparing a record of-decision-identified groundwater plume table summary to support further discussions with ODEQ regarding ongoing groundwater plumes and their potential to recontaminate in-water RD areas.
- Continued updating the RD sequencing document to evaluate sequencing of remedial action under a division of four main areas of the site (East Side, West Side, Navigation Channel, and Swan Island Lagoon).

Task 15.3 – Biological Assessment

- Attended meetings to discuss scope, schedule, resources, etc. for the programmatic biological assessment (PBA) and the deconstruction matrix.
- Attended biweekly calls on September 2 and 16, 2020 with the PBA team, including Hunter Young (CDM Smith), Andrea Latier (EPA), Caleb Shaffer (EPA), Kate Wells (National Marine Fisheries Service), and Jeremy Buck (U.S. Fish and Wildlife Service).

- Initiated developing the deconstruction matrix and geographic information system map for PBA figures.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000004
 Invoice Period: 23-AUG-2020 to 26-SEP-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	6.0	\$1,020.16	6.0	\$1,020.16	3.12%	3.12%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	40.3	\$4,899.40	67.8	\$9,755.58	41.08%	41.08%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	19.5	\$2,719.70	86.5	\$11,025.42	75.85%	75.85%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	267.8	\$39,594.05	1293.5	\$196,313.23	13.19%	13.19%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	14.0	\$2,150.35	67.0	\$10,383.74	3.76%	3.76%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	49.5	\$7,853.08	179.5	\$28,326.88	6.83%	6.83%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	24.5	\$3,586.64	77.5	\$10,085.15	10.85%	10.85%
	Subtotal		\$2,569,904	\$2,569,904	421.5	\$61,823.38	1841.2	\$275,619.85		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	24.5	\$2,856.26	24.5	\$2,856.26	3.35%	3.35%
	Total Option 46		\$85,316	\$85,316	24.5	\$2,856.26	24.5	\$2,856.26		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #5

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 09/27/2020 to 10/24/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meeting

- Prepared a list and met with the EPA Lead Task Order Client Officer Representatives (TOCORs) to discuss remaining remedial design (RD) tasks and activities such as field oversight, split sampling, and RD area oversight that require funding to support anticipated baseline and option tasks.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Completed development and delivery of a draft of the split sampling quality assurance project plan (QAPP) for EPA review.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, and general task order correspondence, for the EPA TOCOR.
- Prepared and delivered a basis of estimate response for request for offer number 68HE0719R0034 amendment 0001 and 00002 to support EPA RD data management, and Scribe support.
- Developed and provided draft change notifications 003 and 004 for EPA review and approval.

Task 4.0 – Community Involvement Support

- Attended planning meetings with EPA to discuss community involvement opportunities during fund-lead work, with a focus on Cathedral Park.
- Prepared and provided to EPA a list of CDM Smith's small business outreach records.

Task 15.1 – Technical Assistance Meeting Support

- Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the October 14, 2020 Technical Coordination Team (TCT) meetings.
- Attended a TCT meeting on October 14, 2020.

- Attended Portland Sediment Evaluation Team meetings on October 7 and 21, 2020.
- Attended weekly EPA team meetings on September 29 and October 6, 13, and 20, 2020.
- Held and attended EPA TOCOR/task lead coordination calls on October 1, 8, 15, and 22, 2020.

Task 15.2 – Technical Assistance

- Continued preparing updated information in the RD guide, including a new frequent comment summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long-Term Monitoring.
- Continued updating the administrative settlement agreements and orders on consent (ASAOs) RD tracking table.
- Developed a draft groundwater plume status summary table for plumes identified in the record of decision (ROD) for discussions during groundwater subcommittee meetings with the Oregon Department of Environmental Quality.
- Updated the RD/remedial action sequencing memorandum and attended meetings with EPA to discuss updates.

Task 15.3 – Biological Assessment

- Continued development of the deconstruction matrix and GIS mapping support. Provided a draft matrix to the external team during a call on September 30, 2020.
- Initiated development of preliminary biological assessment sections, including salmon analysis, baseline ecological risk assessment analysis, and project description updates, and revised the introduction and cumulative effects sections and made other revisions throughout template document.
- Attended biweekly calls on September 30 and October 21, 2020, with the preliminary biological assessment team, including Hunter Young, Andrea Latier, Caleb Shaffer (EPA), Kate Wells (National Marine Fisheries Service), and Jeremy Buck (U.S. Fish and Wildlife Service).
- Prepared for and participated in a Deconstruction Matrix Workshop on October 15, 2020, with the external team.
- Conducted biweekly internal calls with CDM Smith team to track progress.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000005
 Invoice Period: 27-SEP-2020 to 24-OCT-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	3.0	\$577.80	9.0	\$1,597.96	4.89%	4.89%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	49.5	\$5,624.38	117.3	\$15,379.96	64.76%	64.76%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			86.5	\$11,025.42	75.85%	75.85%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	250.5	\$37,439.43	1544.0	\$233,752.66	15.70%	15.70%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	4.5	\$836.16	71.5	\$11,219.90	4.07%	4.07%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	20.0	\$3,221.79	199.5	\$31,548.67	7.61%	7.61%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	34.5	\$5,270.05	112.0	\$15,355.20	16.52%	16.52%
	Subtotal		\$2,569,904	\$2,569,904	362.0	\$52,969.61	2203.2	\$328,589.46		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	98.4	\$11,053.19	122.9	\$13,909.45	16.30%	16.30%
	Total Option 46		\$85,316	\$85,316	98.4	\$11,053.19	122.9	\$13,909.45		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #6

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 10/25/2020 to 11/28/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site ID Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meeting

- Participated in call with EPA Lead Task Order Client Officer Representatives (TOCORs) to discuss general quality assurance for pre-design investigation (PDI) data collection and review.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Revised draft of the split sampling quality assurance project plan for EPA review comments and transmit final version.

Task 2.5 – Health and Safety Plan

- Revised draft health and safety plan and transmit final version to the project team.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting and general task order correspondence, for the EPA TOCOR.
- Finalized subcontract for Kern Statistical Services, Inc.
- Developed and provided a draft change notification for additional effort associated with Upriver Reach Dioxin/Furan Surface Sediment Sampling Work Plan Documents Technical Review.
- Developed and provided draft change notification for boat rental to safely perform field oversight scope responsibilities.

Task 4.0 – Community Involvement Support

- Investigated opportunities for community science and inclusive procurement for the fund-lead remedial design (RD) areas.
- Prepared an updated geographic information system (GIS) map showing RD areas under administrative settlement agreements and orders on consent (ASAOCS) for a fact sheet.
- Prepared and provided to EPA a list of CDM Smith's small business outreach records.

Task 15.1 – Technical Assistance Meeting Support

- Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the October 28 and November 25, 2020 Technical Coordination Team (TCT) meetings.
- Participated in calls with the TCT on October 28 and November 25, 2020.
- Participated in calls with the EPA team on October 27 and November 3, 10, 17, and 24, 2020.
- Participated in EPA TOCOR/task lead coordination calls on October 29 and November 5, 12, and 19, 2020.
- Participated in calls with the Portland Sediment Evaluation Team on November 18 and 25, 2020.

Task 15.2 – Technical Assistance

- Continued preparing updated information in the RD guide, including a new frequent comment summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long-Term Monitoring.
- Continued updating the ASAOs RD tracking table.
- Finalized a draft groundwater plume status summary table for plumes identified in the record of decision for discussions during groundwater subcommittee meetings with the Oregon Department of Environmental Quality (DEQ).

Task 15.3 – Biological Assessment

- Continued development of the deconstruction matrix.
- Continued revisions of preliminary biological assessment text.
- Attended biweekly calls with EPA, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service.
- Conducted biweekly internal calls with the CDM Smith team to track progress.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000006
 Invoice Period: 25-OCT-2020 to 28-NOV-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
	Site Wide Effort - Base									
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	6.0	\$1,021.24	15.0	\$2,619.20	8.01%	8.01%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	10.8	\$1,337.27	128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	8.0	\$1,161.69	94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	223.0	\$32,737.62	1767.0	\$266,490.28	17.90%	17.90%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	5.0	\$864.65	76.5	\$12,084.55	4.38%	4.38%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	36.0	\$5,388.88	235.5	\$36,937.55	8.90%	8.90%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	138.0	\$20,246.69	250.0	\$35,601.89	38.29%	38.29%
	Subtotal		\$2,569,904	\$2,569,904	426.8	\$62,758.04	2630.0	\$391,347.50		
	Site Wide Work- Options									
	Option 46									
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	138.2	\$17,220.69	261.1	\$31,130.14	36.49%	36.49%
	Total Option 46		\$85,316	\$85,316	138.2	\$17,220.69	261.1	\$31,130.14		
	Option 47									
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #7 Portland Harbor Superfund Site (10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 11/29/2020 to 01/02/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Facilitated and participated in a meeting with EPA to plan use and functionality of the interim database users guide.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representative (TOCOR).
- Finalized procurement and rental services agreement for pontoon boat rental with SK Watercraft Rentals as an option to perform future field oversight.
- Monitored work effort specific to remedial design (RD) deliverables and participated in call with the EPA Remedial Project Manager on December 3, 2020, to identify and discuss additional documents being submitted by performing parties that exceed task scope assumptions (e.g., RM2E added appendices to the sufficiency assessment report (SAR)).
- Participated in call with EPA on December 1, 2020, to present an earned value dashboard, discuss project financial status and details of the earned value dashboard components, and discuss the desired delivery schedule of this information to EPA.

Task 4.0 – Community Involvement Support

- Reviewed community involvement strategy information.
- Attended and provided input to EPA during a preparation session with EPA and Triangle Associates staff on December 3, 2020.

Task 15.1 – Technical Assistance Meeting Support

- Participated in calls with the Portland Sediment Evaluation Team on December 2, 9, 16 and 23, 2020.
- Developed summary status for and participated in a Portland Harbor Technical Coordinating Team (TCT) meeting on December 9, 2020.
- Attended EPA manager meetings on December 1, 8, 15, and 29, 2020.

- Attended meeting with EPA on December 7, 2020 to discuss remedial action sequencing information and planning for future remedial action guidelines/considerations document.

Task 15.2 – Technical Assistance

- Met with EPA on December 9, 2020 to discuss Appendix C points of compliance monitoring tables and continued refinement of those tables.
- Completed and delivered an updated RD Guidelines/Consideration document to EPA.
- Attended a meeting with EPA on December 22, 2020 to provide an overview of all updated sections and appendices within the RD Guidelines/Consideration document.

Task 15.3 – Biological Assessment

- Continued development of deconstruction matrix.
- Continued revisions of preliminary biological assessment text and delivered Sections 1 through 3 to EPA.
- Participated in biweekly calls with EPA, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service on December 2, 16, and 30, 2020.
- Participated in biweekly coordination calls with CDM Smith team to track progress.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000007
 Invoice Period: 29-NOV-2020 to 02-JAN-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	3.0	\$389.55	18.0	\$3,008.75	9.20%	9.20%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	216.3	\$34,785.25	1983.2	\$301,275.53	20.24%	20.24%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	6.0	\$905.33	82.5	\$12,989.88	4.71%	4.71%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	21.5	\$3,768.15	257.0	\$40,705.70	9.81%	9.81%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	72.0	\$9,266.90	322.0	\$44,868.79	48.26%	48.26%
	Subtotal		\$2,569,904	\$2,569,904	318.8	\$49,115.18	2948.7	\$440,462.68		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	59.5	\$7,229.15	320.5	\$38,359.29	44.96%	44.96%
	Total Option 46		\$85,316	\$85,316	59.5	\$7,229.15	320.5	\$38,359.29		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #8

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 01/03/2021 to 01/30/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during the reporting period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, quality assurance reviews, and general task order correspondence for the EPA Task Order Contracting Officer Representative (TOCOR).
- Monitored work effort specific to remedial design (RD) deliverables.

Task 4.0 – Community Involvement Support

- Attended meeting on January 28, 2021 with EPA to discuss and plan Cathedral Park working group meetings in February.
- Initiated development of a presentation with a procurement specialist to describe CDM Smith's EPA contract award and the firm's procurement process.

Task 15.1 – Technical Assistance Meeting Support

- Developed summary status for and participated in Portland Harbor Technical Coordinating Team (TCT) meetings on January 13 and 27, 2021.
- Attended EPA manager meetings on January 5, 12, 19, and 26, 2021.
- Participated in the January 13, 2021 Portland Sediment Evaluation Team meeting.
- Prepared for and participated in technical ad-hoc meeting with the TCT on January 20, 2021, to discuss updates to the Appendix C points of compliance monitoring tables.

Task 15.2 – Technical Assistance

- Discussed Appendix C points of compliance monitoring tables and continued refinement of those tables.
- Prepared a presentation for and attended a meeting with EPA on January 14, 2021, to discuss transload facilities and their considerations and function for RD/remedial action.
- Initiated addressing EPA edits and comments to the updated RD Guidelines/Consideration document.

Task 15.3 – Biological Assessment

- Continued revisions to preliminary biological assessment text and delivered additional sections of the draft to EPA.
- Participated in a biweekly call with EPA, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service on January 20, 2021.
- Participated in a call with EPA on January 26, 2021, to discuss schedule and budget.

Task 15.4 – Flood Rise Model

- Attended a meeting on January 5, 2021, with EPA to discuss flood rise scope and rebalancing level of effort with existing funding.
- Initiated preparation of revised level of effort for work effort clarifications as directed by EPA during the January 5, 2021 meeting.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000008
 Invoice Period: 02-JAN-2021 to 30-JAN-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699			18.0	\$3,008.75	9.20%	9.20%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	224.5	\$33,373.63	2207.7	\$334,649.16	22.48%	22.48%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	13.5	\$1,798.50	96.0	\$14,788.38	5.36%	5.36%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	37.0	\$6,220.47	294.0	\$46,926.17	11.31%	11.31%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	44.0	\$7,776.36	366.0	\$52,645.15	56.62%	56.62%
	Subtotal		\$2,569,904	\$2,569,904	319.0	\$49,168.96	3267.7	\$489,631.64		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	30.5	\$4,335.31	351.0	\$42,694.60	50.04%	50.04%
	Total Option 46		\$85,316	\$85,316	30.5	\$4,335.31	351.0	\$42,694.60		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	7.5	\$897.31	7.5	\$897.31	2.14%	2.14%
	Total Option 47		\$41,890	\$41,890	7.5	\$897.31	7.5	\$897.31		

Task Order Progress Report for Invoice #9

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 01/31/2021 to 02/27/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Attended a meeting with EPA on February 11, 2021, to discuss remedial action sequencing and implementation.
- Prepared for and attended planning meetings for fund-lead work efforts on February 5, 12, 19, and 26.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA Task Order Contracting Officer Representative (TOCOR).
- Monitored work effort specific to remedial design (RD) deliverables.
- Provided an update on earned value tracking metrics to the TOCORs.

Task 4.0 – Community Involvement Support

- Prepared draft and final presentation slides for the Cathedral Park Working Group meeting on February 24, 2021.
- Attended a preparation run meeting on February 18, 2021.
- Attended the Cathedral Park Working Group meeting on February 24, 2021. Presented and answered questions about CDM Smith, our contract with EPA, how we procure subcontractors to support our work efforts, and where the Superfund Job Training Initiative fits within the RD/remedial action process.

Task 15.1 – Technical Assistance Meeting Support

- Developed summary status for and participated in Portland Harbor Technical Coordinating Team (TCT) meetings on February 10 and 24, 2021.
- Attended EPA manager meetings on February 2, 9, 16, and 23, 2021.

- Participated in Portland Sediment Evaluation Team meetings on February 10 and 24, 2021.
- Participated and led technical coordination calls between EPA TOCORs and CDM Smith task leads on February 4, 11, 18, and 25, 2021.

Task 15.2 – Technical Assistance

- Discussed Appendix C points of compliance monitoring tables and continued refinement of those tables.
- Continued to address EPA edits and comments to the updated RD Guidelines and Considerations document.

Task 15.3 – Biological Assessment

- Continued biweekly calls with the National Marine Fisheries Service, the U.S. Fish and Wildlife Service, and EPA on development of the biological assessment (BA).
- Continued development of the BA. All sections of the document have been uploaded to the project's Microsoft Teams shared drive; however, the document is still iterative based on several key issues yet to be resolved.
- Developed a draft conceptual model of the transload facility.

Task 15.4 – Flood Rise Model

- On February 12, 2021, completed and delivered the revised level of effort for flood-rise modeling work effort clarifications as directed by EPA in a January 5, 2021 meeting.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000009
 Invoice Period: 31-JAN-2021 to 27-FEB-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	19.0	\$3,140.92	37.0	\$6,149.67	18.81%	18.81%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	280.8	\$39,118.58	2488.5	\$373,767.74	25.11%	25.11%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	30.8	\$6,069.01	126.8	\$20,857.39	7.56%	7.56%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968					0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051					0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491					0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	49.5	\$7,881.29	343.5	\$54,807.46	13.21%	13.21%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	82.8	\$11,314.36	448.8	\$63,959.51	68.79%	68.79%
	Subtotal		\$2,569,904	\$2,569,904	462.8	\$67,524.16	3730.5	\$557,155.80		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	29.5	\$4,147.04	380.5	\$46,841.64	54.90%	54.90%
	Total Option 46		\$85,316	\$85,316	29.5	\$4,147.04	380.5	\$46,841.64		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	7.5	\$1,034.86	15.0	\$1,932.17	4.61%	4.61%
	Total Option 47		\$41,890	\$41,890	7.5	\$1,034.86	15.0	\$1,932.17		

Task Order Progress Report for Invoice #10

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 02/28/2021 to 04/03/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Prepared for and attended planning meetings for fund-lead work efforts on March 5, 9, 12, 18, 19, 25, and 26, and April 1, 2021.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA Task Order Contracting Officer Representative (TOCOR).
- Monitored work effort specific to remedial design (RD) deliverables.
- Incorporated task scope and budget updates into CDM Smith's accounting system based on EPA contract modification received March 8, 2021.
- Developed and submitted change notifications CN008, CN009, and CN010.
- Developed invoice package free of confidential business information for EPA use in submitting invoice information for potentially responsible party cost recovery.

Task 4.0 – Community Involvement Support

- Developed responses to community questions on existing data at the Cathedral Park Project Area and the Portland Harbor risk assessments.

Task 15.1 – Technical Assistance Meeting Support

- Developed summary status for and participated in Portland Harbor Technical Coordination Team (TCT) meetings on March 10 and 24, 2021.
- Attended EPA manager meetings on March 2, 9, 16, 23, and 30, 2021.
- Participated in Portland Sediment Evaluation Team meetings on March 10 and 24, 2021.
- Participated in and led technical coordination calls between EPA TOCORs and CDM Smith task leads on March 4, 11, 18, and 25 and April 1, 2021.
- Participated in EPA technical discussion meetings on buried contamination and ambient water

quality criteria-based groundwater cleanup levels on March 4 and 11, 2021, respectively.

Task 15.2 – Technical Assistance

- Discussed the RD guidelines and considerations document revisions and Appendix C points of compliance monitoring tables and continued refining those tables.
- Continued to address EPA edits and comments to the updated RD guidelines and considerations document.

Task 15.3 – Biological Assessment

- Continued biweekly calls with the National Marine Fisheries Service, the U.S. Fish and Wildlife Service, and EPA on developing the biological assessment (BA).
- Continued revision of the BA text, tables, and figures based on ongoing discussions.

Task 15.4 – Flood Rise Model

- Reviewed and discussed with the TOCOR on April 1, 2021 a new modeling approach with the U.S. Army Corps of Engineers (USACE) to meet EPA flood-rise modeling needs.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000010
 Invoice Period: 28-FEB-2021 to 03-APR-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	32.0	\$5,033.84	69.0	\$11,183.51	34.20%	34.20%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	351.0	\$52,652.00	2839.5	\$426,419.74	28.64%	28.64%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	5.0	\$667.66	131.8	\$21,525.05	7.80%	7.80%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	61.0	\$8,983.90	404.5	\$63,791.36	15.38%	15.38%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	114.3	\$15,890.89	563.0	\$79,850.40	85.88%	85.88%
	Subtotal		\$2,569,904	\$2,569,904	563.3	\$83,228.29	4293.7	\$640,384.09		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	120.6	\$16,087.25	501.1	\$62,928.89	73.76%	73.76%
	Total Option 46		\$85,316	\$85,316	120.6	\$16,087.25	501.1	\$62,928.89		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	5.0	\$757.26	20.0	\$2,689.43	6.42%	6.42%
	Total Option 47		\$41,890	\$41,890	5.0	\$757.26	20.0	\$2,689.43		

Task Order Progress Report for Invoice #11

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 04/04/2021 to 05/01/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Prepared for and attended planning meetings for fund-lead work efforts on April 8, 15, 22, and 29, 2021.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA Task Order Contracting Officer Representatives (TOCORs).
- Monitored work effort specific to remedial design (RD) deliverables.
- Provided an update on earned value tracking metrics to the TOCORs.
- Enrolled contract amendment P00004 into CDM Smith's accounting system.
- Prepared draft change notification CN010.

Task 8.3 – Data Management/Scribe Support

- Coordinated with the State of Oregon and the City of Portland contractor on Scribe electronic data deliverables.
- Supported development of the Scribe database.

Task 15.1 – Technical Assistance Meeting Support

- Participated in Portland Sediment Evaluation Team meetings on April 7 and 14, 2021.
- Developed a summary status for and participated in Portland Harbor Technical Coordination Team (TCT) meetings on April 14 and 28, 2021.
- Attended EPA manager meetings on April 6, 13, 20, and 27, 2021.
- Led technical coordination calls between EPA TOCORs and CDM Smith task leads on April 8, 15, 22, and 29, 2021.
- Participated in EPA technical discussion meetings on buried contamination on April 8, 13, 22, and 23, 2021.

Task 15.2 – Technical Assistance

- Completed TCT comment management on the *Remedial Design Guidelines and Considerations* document.
- Finalized revisions and submitted the completed update to the document for EPA submittal to the performing parties on April 23, 2021.

Task 15.3 – Biological Assessment

- Continued biweekly calls with the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS), and EPA on development of the biological assessment.
- Completed preparation of draft biological assessment text, tables, and figures on April 19, 2021.
- Conducted technical review of the draft document concurrent with EPA and NMFS/USFWS fatal flaw reviews.

Task 15.4 – Flood Rise Model

- Attended meetings with U.S. Army Corps of Engineers (USACE) and EPA on April 9 and 15, 2021 to discuss their plans for an updated model for the Lower Willamette River that could be used for Portland Harbor flood rise evaluations.
- Developed a technical email and talking points for EPA to send to the USACE for modeling considerations.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000011
 Invoice Period: 04-APR-2021 to 01-MAY-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	23.0	\$3,641.57	92.0	\$14,825.08	45.34%	45.34%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	245.8	\$38,677.24	3085.2	\$465,096.98	31.24%	31.24%
4	Community Involvement	10TCBE00	\$275,817	\$275,817			131.8	\$21,525.05	7.80%	7.80%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	13.0	\$1,996.21	13.0	\$1,996.21	4.49%	4.49%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	34.0	\$5,645.79	438.5	\$69,437.15	16.74%	16.74%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	114.0	\$13,092.77	677.0	\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	429.8	\$63,053.58	4723.5	\$703,437.67		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	60.0	\$9,268.81	561.1	\$72,197.70	84.62%	84.62%
	Total Option 46		\$85,316	\$85,316	60.0	\$9,268.81	561.1	\$72,197.70		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	12.0	\$2,039.61	32.0	\$4,729.04	11.29%	11.29%
	Total Option 47		\$41,890	\$41,890	12.0	\$2,039.61	32.0	\$4,729.04		

Task Order Progress Report for Invoice #12

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: May 2 to 29, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Prepared for and attended the planning meeting for fund-lead work efforts, including analytical planning, on May 6, 11, 13, 20, and 27, 2021.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Updated the split sampling quality assurance project plan (QAPP) for additional analyses.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA task order contracting officer representatives (TOCORs).
- Monitored work effort specific to remedial design (RD) deliverables.
- Provided an update on earned value tracking metrics to the TOCORs.
- Prepared change notifications CN011 through CN014.

Task 4.0 – Community Involvement

- Addressed partner and public comments on the pre-design investigation (PDI) QAPP. This included preparing response to comment tables, figure edits, and text updates.
- Revised the EPA-Lead PDI QAPP per public comments. This included preparing text updates.
- Developed and submitted a work plan and level of effort for developing a narrated film of PDI core sampling and processing.
- Developed a draft video storyboard for filming of EPA-Lead PDI sampling at Cathedral Park.

Task 8.3 – Data Management/Scribe Support

- Continued setup and initialization of the Portland Harbor Scribe database.
- Developed Scribe queries and a download process for the Portland Harbor Interim Database (PHIDB).

- Tested the Scribe download process by pushing the PDI Scribe electronic data deliverables to Scribe.net.

Task 15.1 – Technical Assistance Meeting Support

- Participated in Portland Sediment Evaluation Team meetings on May 19 and 26, 2021.
- Developed a summary status for and participated in Portland Harbor Technical Coordination Team (TCT) meetings on May 12 and 26, 2021.
- Attended EPA manager meetings on May 4, 11, 18, and 25, 2021.
- Led technical coordination calls between EPA TOCORs and CDM Smith task leads on May 6, 13, 20, and 27, 2021.

Task 15.3 – Biological Assessment

- Continued biweekly calls with the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS), and EPA on development of the biological assessment.
- Revised the biological assessment in accordance with comments from EPA, NMFS, USFWS, and CDM Smith.
- Participated in a call on habitat equivalency analysis approach with EPA, NMFS, National Oceanic and Atmospheric Administration's Restoration Center, USFWS, and the Five Tribes' consultant on May 13, 2021.

Task 15.4 – Flood Rise Model

- Attended a call with the U.S. Army Corps of Engineers and EPA on May 24, 2021 to discuss steps forward to developing a flood rise model for use in Portland Harbor RD.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000012
 Invoice Period: 02-MAY-2021 to 29-MAY-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
	Site Wide Effort - Base							
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$2,857.23	\$17,682.31	54.08%	54.08%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$1,562.46	\$18,279.69	76.97%	76.97%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$41,954.66	\$507,051.64	34.06%	34.06%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$17,115.90	\$38,640.95	14.01%	14.01%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$4,044.80	\$6,041.01	13.58%	13.58%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$8,345.84	\$77,782.99	18.75%	18.75%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$75,880.89	\$779,318.56		
	Site Wide Work- Options							
	Option 46							
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	\$9,681.84	\$81,879.54	95.97%	95.97%
	Total Option 46		\$85,316	\$85,316	\$9,681.84	\$81,879.54		
	Option 47							
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$335.30	\$5,064.34	12.09%	12.09%
	Total Option 47		\$41,890	\$41,890	\$335.30	\$5,064.34		

Task Order Progress Report for Invoice #13

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: May 30 to July 3, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Continued fund-lead planning coordination calls with EPA Region 10 Manchester Environmental Laboratory (MEL) and U.S. Army Corps of Engineers (USACE) representatives.
- Developed information on the proper integration of applicable or relevant and appropriate requirements (ARARs) into remedial design (RD) for a pending presentation to EPA Task Order Contracting Officer Representatives (TOCORs).

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Updated the Split Sampling Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) for additional analyses.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- Monitored work effort specific to RD deliverables.
- Prepared change notifications CN015 and CN016.
- Coordinated with EPA to develop a project-specific insurance coverage form that includes Oregon Department of State Lands.
- Coordinated with EPA to identify priority tasks for the next contract funding modification.

Task 4.0 – Community Involvement

- Continued updates to the UFP QAPP related to community input. Performed technical review and quality assurance review of the document. Responded to community, Technical Coordination Team (TCT), and Oregon Department of Environmental Quality (DEQ) comments and updates to the UFP QAPP
- Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including performing a mock sampling effort at Cathedral Park and

producing a movie short on core sampling and processing.

Task 8.3 – Data Management/Scribe Support

- Tested summation queries developed by the State of Oregon and City of Portland interim database contractors and provided feedback for revisions.

Task 15.1 – Technical Assistance Meeting Support

- Participated in a Portland Sediment Evaluation Team meeting on June 16, 2021.
- Developed a summary status for and participated in TCT meetings on June 9 and 23, 2021.
- Attended EPA manager meetings on June 1, 8, 15, 22, and 29, 2021.
- Led technical coordination calls between EPA TOCORs and CDM Smith task leads on June 3, 10, 17, and 24, and July 1, 2021.

Task 15.3 – Biological Assessment

- Continued biweekly calls with the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS), and EPA on development of the biological assessment.
- Prepared response to comments tables for TCT comments by DEQ, Five Tribes, and Yakama Nation.
- Revised the biological assessment in accordance with TCT comments and additional comments by EPA, NMFS, USFWS, and CDM Smith. Prepared the biological assessment for submittal to NMFS and USFWS.

Task 15.4 – Flood Rise Model

- Attended a call with USACE and EPA on June 11, 2021, to discuss progress and details in developing a flood rise model for use in Portland Harbor RD.
- Conducted a follow-up communication brief with EPA focused on next steps in the coordination with USACE and schedule for flood-rise modeling.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000013
 Invoice Period: 30-MAY-2021 to 03-JUL-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$3,284.45	\$20,966.76	64.12%	64.12%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$913.92	\$19,193.61	80.82%	80.82%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$48,309.83	\$555,361.47	37.31%	37.31%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$9,163.44	\$47,804.39	17.33%	17.33%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$2,260.53	\$8,301.54	18.66%	18.66%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$8,034.97	\$85,817.96	20.69%	20.69%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$71,967.14	\$851,285.70		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	\$3,872.11	\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$3,872.11	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$557.22	\$5,621.56	13.42%	13.42%
	Total Option 47		\$41,890	\$41,890	\$557.22	\$5,621.56		

Task Order Progress Report for Invoice #14

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: July 4, 2021 to July 31, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Continued fund-lead planning coordination calls with EPA Region 10 Manchester Environmental Laboratory (MEL) and U.S. Army Corps of Engineers (USACE) representatives.
- Continued development of information on the proper integration of applicable or relevant and appropriate requirements (ARARs) into remedial design (RD) for the planned August 5, 2021 presentation to EPA Task Order Contracting Officer Representatives (TOCORs).

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Finalized revisions to the Split Sampling Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) for additional analyses.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- Monitored work effort specific to RD deliverables.
- Enrolled task order modification P00008 into CDM Smith's accounting system.
- Coordinated with EPA to identify priority tasks for the next contract funding modification.

Task 4.0 – Community Involvement

- Continued updates to the UFP QAPP related to community input. Performed technical review and QA review of the document. Responded to community, Technical Coordination Team (TCT), and Oregon Department of Environmental Quality (DEQ) comments and updates to the UFP QAPP
- Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including performing a mock sampling effort at Cathedral Park and producing a movie short on core sampling and processing.

Task 8.3 – Data Management/Scribe Support

- Performed initial QA review of the 2018 PDI/baseline sampling data in the Portland interim database to confirm consistency with the final EPA-approved database file.
- Provided troubleshooting support for the State of Oregon and the City of Portland interim database contractors to address questions on the interim database process posed by the RD performing parties

Task 15.1 – Technical Assistance Meeting Support

- Developed a status summary for and participated in TCT meetings on July 11 and 25, 2021.
- Attended EPA manager meetings on July 6, 13, 20 and 27, 2021.
- Led technical coordination calls between EPA TOCORs and CDM Smith task leads on July 8, 15, 22, and 29, 2021.

Task 15.4 – Flood Rise Model

- Attended USACE Lower Willamette hydraulic model meeting on behalf of EPA.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000014
 Invoice Period: 04-JUL-2021 to 31-JUL-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$2,514.64	\$23,481.40	71.81%	71.81%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$626.14	\$19,819.75	83.45%	83.45%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$38,946.54	\$594,308.01	39.92%	39.92%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$3,500.85	\$51,305.24	18.60%	18.60%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$3,097.90	\$11,399.44	25.62%	25.62%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$5,964.56	\$91,782.52	22.13%	22.13%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$54,650.63	\$905,936.33		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$278.61	\$5,900.17	14.08%	14.08%
	Total Option 47		\$41,890	\$41,890	\$278.61	\$5,900.17		

Task Order Progress Report for Invoice #15

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: August 1, 2021 to August 28, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Continued fund-lead planning coordination calls with EPA Region 10 Manchester Environmental Laboratory (MEL) and U.S. Army Corps of Engineers (USACE) representatives.
- Provided an initial presentation on August 5, 2021, related to the integration of applicable or relevant and appropriate requirements into remedial design (RD) to EPA Task Order Contracting Officer Representatives (TOCORs) and Office of Regional Counsel staff.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- Finalized the Split Sampling Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) for additional analyses.

Task 2.5 – Health and Safety Plan

- Performed review of COVID-19 procedures in the existing health and safety plan (HASP) to confirm consistency with updated Oregon State requirements in preparation for Cathedral Park/unassigned area PDI sampling efforts.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- Monitored work effort specific to RD deliverables.
- Reviewed and responded to a funding modification request for statement of work for Tasks 15.2, 15.4, and 15.7 by developing a basis of estimate and negotiating hours based on the work effort described in the statement of work.
- Drafted change notifications CN017 and CN018.

Task 4.0 – Community Involvement

- Finalized updates to the UFP QAPP based on community input.
- Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including public viewing of ISM beach sampling at Cathedral Park and producing a movie short on core sampling and processing.
- Discussed and provided consultation on use and contract applicability of using unmanned aircraft systems on the Portland Harbor project.
- Procured videography equipment and planned a revised mobilization effort for collecting wide-perspective video of core sampling without drone use.

Task 8.2 – Statistical Analysis

- Supported the data replacement and buried contamination evaluation and discussions with performing parties, including the Port of Portland for the T4 and RM11E areas and NW Natural for the Gasco RD area. Statistical services support was provided by John Kern through a subcontract.

Task 8.3 – Data Management/Scribe Support

- Performed revisions to scripts to be used for Scribe uploads.
- Addressed RM11E and Gasco data issues that included additional database extractions.
- Addressed updates to the Portland Harbor Interim Database valid values and electronic data deliverables.

Task 15.1 – Technical Assistance Meeting Support

- Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on August 11 and 25, 2021.
- Attended EPA manager meetings on August 3, 10, 17, and 24, 2021.
- Led technical coordination calls between the EPA TOCORs and CDM Smith task leads on August 5, 12, and 19, 2021.

Task 15.4 – Flood Rise Model

- Reviewed USACE's *Hydraulic Model Plan for the Lower Willamette HEC-RAS Model* for its adequacy in addressing Portland Harbor RD hydrodynamic modeling needs.
- Attended an August 8, 2021 meeting with the EPA TOCOR (Josie Clark) to discuss findings of the review and determine next steps for coordination with USACE.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000015
 Invoice Period: 01-AUG-2021 to 28-AUG-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$2,468.88	\$25,950.28	79.36%	79.36%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$66.06	\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	\$198.02	\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$38,118.19	\$632,426.20	42.48%	42.48%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$5,135.44	\$56,440.68	20.46%	20.46%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051	\$7,963.66	\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$3,920.76	\$15,320.20	34.43%	34.43%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$4,429.45	\$96,211.97	23.19%	23.19%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$62,300.46	\$968,236.79		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$916.92	\$6,817.09	16.27%	16.27%
	Total Option 47		\$41,890	\$41,890	\$916.92	\$6,817.09		

Task Order Progress Report for Invoice #16

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: August 29, 2021 to October 2, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Prepared for and provided a presentation on September 23, 2021, related to habitat equivalency assessment requirements with regard to remedial design (RD), to EPA Task Order Contracting Officer Representatives (TOCORs).

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- Monitored work effort specific to RD deliverables.
- Reviewed and responded to an administrative contract modification to (1) incorporate the Service Contract Act wage determination, (2) add a new Attachment B crosswalk and correct accounting line info for the site IDs.
- Submitted change notifications CN017 and CN018 for review and approval.

Task 4.0 – Community Involvement

- Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including public viewing of incremental sampling method (ISM) beach sampling at Cathedral Park
- Processed, edited, and narrated 18 movie short clips on core sampling and processing at Cathedral Park.

Task 8.3 – Data Management/Scribe Support

- Performed a quality control comparison of the 2018 PDI/baseline data in the Portland Harbor Interim Database with the EPA-approved database and identified issues with the summations, which were communicated to the database contractors.
- Prepared for an update of the 2018 PDI/baseline data in Scribe.

Task 15.1 – Technical Assistance Meeting Support

- Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on September 8 and 22, 2021.
- Attended EPA manager meetings on August 31 and September 7, 14, 21, and 28, 2021.
- Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on September 3, 10, 17, and 24, and October 1, 2021.

Task 15.4 – Flood Rise Model

- Prepared for and attended a September 3, 2021 meeting with EPA and USACE to discuss EPA's comments on USACE's Hydraulic Model Plan for the Lower Willamette HEC-RAS Model (this included a pre-call with the EPA TOCOR).
- Attended a September 21, 2021 planning meeting with EPA to discuss a path forward.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000016
 Invoice Period: 29-AUG-2021 to 02-OCT-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
	Site Wide Effort - Base							
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$407.60	\$26,357.88	80.61%	80.61%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$43,619.33	\$676,045.53	45.41%	45.41%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$17,240.65	\$73,681.33	26.71%	26.71%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,652.75	\$16,972.95	38.15%	38.15%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$8,062.68	\$104,274.65	25.14%	25.14%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$70,983.01	\$1,039,219.80		
	Site Wide Work- Options							
	Option 46							
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
	Option 47							
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$1,346.72	\$8,163.81	19.49%	19.49%
	Total Option 47		\$41,890	\$41,890	\$1,346.72	\$8,163.81		

Task Order Progress Report for Invoice #17

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: October 3 to 30, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- Provided a Part 2 presentation of the applicable and relevant and appropriate requirement considerations for remedial design (RD) on October 14, 2021, to EPA Portland Harbor Task Order Contracting Officer Representatives (TOCORs) and Region 10 Office of Regional Counsel representatives.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- Monitored work effort specific to RD deliverables.
- Responded to an administrative contract modification to (1) incorporate the Service Contract Act wage determination, and (2) add a new Attachment B crosswalk and correct accounting line info for the site IDs.
- Submitted change notifications CN019, CN020, CN021, and CN022 for review and approval.

Task 4.0 – Community Involvement

- Performed online training related to Trauma Informed Care.
- Completed and submitted draft film clips for Life of a Portland Harbor Sediment Core.
- Attended a meeting on October 8, 2021, with EPA to preview draft film clips and discuss next steps.

Task 8.3 – Data Management/Scribe Support

- Performed a follow-up quality control comparison of the 2018 PDI/baseline data in the Portland Harbor Interim Database to determine whether previously identified issues were addressed by the database contractors.
- Identified new issues with summation results that contain field duplicates (which were not calculated following the DMP duplicate handling rules); the issues were communicated to the

database contractors.

Task 15.1 – Technical Assistance Meeting Support

- Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on October 13 and 27, 2021.
- Attended EPA manager meetings on October 5, 12, 19, and 26, 2021.
- Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on October 7, 14, and 21, 2021.
- Prepared for and attended a meeting with EPA on October 26, 2021, to discuss EPA's documentation on sediment and soil waste disposal.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000017
 Invoice Period: 03-OCT-2021 to 30-OCT-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$774.48	\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$40,590.37	\$716,635.90	48.14%	48.14%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$3,203.07	\$76,884.40	27.88%	27.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,742.13	\$18,715.08	42.06%	42.06%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$7,491.77	\$111,766.42	26.94%	26.94%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953		\$92,943.17	39.06%	39.06%
	Subtotal		\$2,714,880	\$2,714,880	\$53,801.82	\$1,093,021.62		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797		\$8,163.81	10.49%	10.49%
	Total Option 47		\$77,797	\$77,797	\$0.00	\$8,163.81		

Task Order Progress Report for Invoice #18

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: October 31 to November 27, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- Monitored work effort specific to remedial design (RD) deliverables.
- Submitted change notifications CN023, CN024, and CN025 for review and approval.
- Discussed and presented feasibility study (FS) and basis of estimate cost information to inform future funding needs for completion of RD at Cathedral Park and unassigned areas.

Task 8.3 – Data Management/Scribe Support

- Prepared for and attended a meeting with EPA on November 2, 2021, to discuss summations quality control issues identified in the 2018 PDI/baseline data in the Portland Harbor Interim Database.
- Reuploaded the 2018 PDI/baseline data to Scribe.NET.

Task 15.1 – Technical Assistance Meeting Support

- Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on November 10 and 24, 2021.
- Attended EPA manager meetings on November 2, 9, 16, and 23, 2021.
- Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on November 4 and 18, 2021.
- Prepared for and attended a meeting with EPA on October 26, 2021, to discuss EPA's documentation on sediment and soil waste disposal.

Task 15.2 – Technical Support

- Developed a draft example detailed RD schedule for informing EPA of schedule changes because of additional performing party document submittals and extension requests. A draft example will be demonstrated in a future Thursday technical call.

- Provided EPA technical support on the buried contamination approach.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000018
 Invoice Period: 31-OCT-2021 to 27-NOV-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$46,927.50	\$763,563.40	51.29%	51.29%
4	Community Involvement	10TCBE00	\$275,817	\$275,817		\$76,884.40	27.88%	27.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,256.09	\$19,971.17	44.89%	44.89%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$7,373.48	\$119,139.90	28.72%	28.72%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$4,596.97	\$97,540.14	40.99%	40.99%
	Subtotal		\$2,714,880	\$2,714,880	\$60,154.04	\$1,153,175.66		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797		\$8,163.81	10.49%	10.49%
	Total Option 47		\$77,797	\$77,797	\$0.00	\$8,163.81		

Task Order Progress Report for Invoice #19

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: November 28, 2021, to January 1, 2022

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- Monitored work effort specific to RD deliverables.
- Submitted change notifications CN026, CN027, and CN028 for review and approval.
- Discussed and presented feasibility study (FS) and basis of estimate cost information to inform future funding needs for completion of RD at Cathedral Park and unassigned areas.

Task 8.2 – Statistical Analysis

- Coordinated with our subcontractor for statistical evaluation and support related to the Upriver Reach dioxin/furan background sediment study.

Task 8.3 – Data Management/Scribe Support

- Performed quality control review of the summations for samples with field duplicates in the 2018 PDI/baseline data to determine whether these data in the PHIDB follow the duplicate handling procedures in the Portland Harbor Program DMP.
- Reuploaded the 2018 PDI/baseline data to Scribe.net.

Task 15.1 – Technical Assistance Meeting Support

- Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on December 8, 2021.
- Attended EPA manager meetings on November 30 and December 7 and 14, 2021.
- Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on December 2, 9, and 16, 2021.
- Participated in a technical meeting focused on interpolation methods for RD on December 15, 2021.
- Attended a Portland Sediment Evaluation Team meeting on December 1, 2021.

- Attended calls with EPA TOCORs and attorneys, and the City of Portland to finalize EPA comments on the Draft Programmatic Institutional Control Implementation and Assurance Plan (ICIAP) (transferred 4.5 hours from the ICIAP task owing to funding limitations).

Task 15.2 – Technical Support

- Continued developing a draft example detailed RD schedule for informing EPA of schedule changes because of additional performing party document submittals and extension requests. A draft example will be demonstrated in a future Thursday technical call.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000019
 Invoice Period: 28-NOV-2021 to 01-JAN-2022
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$41,747.42	\$805,310.82	54.10%	54.10%
4	Community Involvement	10TCBE00	\$275,817	\$275,817		\$76,884.40	27.88%	27.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051	\$56.29	\$8,019.95	4.98%	4.98%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,653.46	\$21,624.63	48.60%	48.60%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$7,855.36	\$126,995.26	30.62%	30.62%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$5,123.25	\$102,663.39	43.14%	43.14%
	Subtotal		\$2,714,880	\$2,714,880	\$56,435.78	\$1,209,611.44		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797		\$8,163.81	10.49%	10.49%
	Total Option 47		\$77,797	\$77,797	\$0.00	\$8,163.81		

Task Order Progress Report for Invoice #20

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: January 2, 2022 to January 29, 2022

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- Monitored work effort specific to remedial design (RD) deliverables.
- Submitted change notifications CN029 and CN030 for review and approval.
- Prepared a prioritized list of activities with level of effort estimates for Task 15.2 and identified other tasks that have reached funding upper limits and are in need of funding modifications.
- Updated an earned value chart to share and discuss with EPA TOCORs.

Task 4.0 Community Involvement

- Performed planning and coordination of filming at the EPA Manchester Lab, including procurement of camera equipment and development of a film sequence storyboard for the day of filming.

Task 8.3 – Data Management/Scribe Support

- Completed the final upload of the 2018 PDI/baseline data to Scribe.net.
- Performed a quality control review of the summations and field duplicate handling for the 2019 Siltronic data to determine whether these data follow the procedures in the Portland Harbor Program Data Management Plan. Issues with the data were identified and transmitted to EPA via email.

Task 15.1 – Technical Assistance Meeting Support

- Attended Portland Sediment Evaluation Team meetings on January 12 and 19, 2022.
- Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on January 12 and 26, 2022.
- Attended EPA manager meetings on January 4, 11, 18, and 25, 2022.
- Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task

leads on January 2, 9, and 16, 2022.

- Participated in a technical meeting focused on interpolation methods for RD on January 6, 13, 20, and 27, 2022.
- Attended an ad hoc TCT meeting on January 4, 2022, to discuss use of j-flags for sediment management area (SMA) delineation involving dioxin/furan data.
- Attending meetings with EPA regarding the programmatic biological assessment on January 5 and 19, 2022.

Task 15.2 – Technical Support

- Prepared a draft technical memorandum on preferred interpolation methodology for RD to include in Appendix B of the Portland Harbor Remedial Design Guidelines and Considerations document.
- Prepared an update of the general RD schedule tracking table and pending deliverable list.
- Attended initial Remedial Action Workshop meeting with EPA and performing parties on January 13, 2022.
- Continued supporting EPA on the buried contamination evaluation approach.

Task 15.4 – Flood Rise Model

- Performed review of U.S. Army Corps of Engineers' (USACE's) model and evaluated the effort to convert the model for flood rise application.
- Discussed USACE model review findings with the EPA TOCOR and prepared for a meeting with USACE.
- Attended a meeting with EPA to prepare for discussions with USACE on next steps with flood rise modeling.
- Attended a meeting with EPA and USACE on January 20, 2022, to discuss next steps with flood rise modeling.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000020
 Invoice Period: 02-JAN-2022 to 29-JAN-2022
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$43,725.09	\$849,035.91	57.03%	57.03%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$1,589.61	\$78,474.01	28.45%	28.45%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$8,019.95	4.98%	4.98%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$2,542.39	\$24,167.02	54.32%	54.32%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$11,532.74	\$138,528.00	33.40%	33.40%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$5,089.90	\$107,753.29	45.28%	45.28%
	Subtotal		\$2,714,880	\$2,714,880	\$64,479.73	\$1,274,091.17		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797	\$1,460.06	\$9,623.87	12.37%	12.37%
	Total Option 47		\$77,797	\$77,797	\$1,460.06	\$9,623.87		

Task Order Progress Report for Invoice #21

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: January 30, 2022, to February 26, 2022

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- Monitored work effort specific to remedial design (RD) deliverables.
- Submitted change notification CN031 for review and approval.

Task 4.0 Community Involvement

- Filmed laboratory processes at the EPA Manchester Laboratory, and incurred travel expenses.
- Started postprocessing the film.

Task 8.2 – Statistical Analysis

- Coordinated, reviewed, and revised the draft Upriver Reach statistical analyses memorandum developed by John Kern and submitted it to EPA on February 25, 2022.

Task 8.3 – Data Management/Scribe Support

- Performed a quality control review of Siltronic data to determine whether these data meet the requirements in the Portland Harbor Program Data Management Plan.
- Prepared and transmitted the Daimler Trucks North America Phase 1 and 1b sediment data to the contractor managing the Portland Harbor Environmental Data Portal.

Task 15.1 – Technical Assistance Meeting Support

- Attended a meeting with EPA and the City of Portland to discuss the Draft Programmatic Institutional Control Implementation and Assurance Plan (ICIAP) comments on February 10, 2022.
- Attended meetings with EPA and National Marine Fisheries Service regarding the programmatic biological assessment on February 2, 16, and 22, 2022.
- Attended a technical meeting with EPA and the Oregon Department of Environmental Quality

- (ODEQ) on February 14 and 25, 2022, to discuss the background dioxin/furan study.
- Attended an ad hoc technical meeting on February 1, 2022, to discuss the Portland Harbor groundwater/porewater cleanup levels and background concentration data.
 - Attended EPA manager meetings on February 1, 8, 15, and 22, 2022.
 - Performed activity tracking support for the Technical Coordination Team (TCT) and attended TCT meetings on February 9 and 23, 2022.
 - Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on February 3, 10, 17, and 24, 2022. Attended the Portland Sediment Evaluation Team meeting on February 16, 2022.

Task 15.2 – Technical Support

- Reviewed the U.S. Geological Survey (USGS) Delft 3D model for climate change resiliency evaluation.
- Prepared a PowerPoint presentation summarizing the review of the USGS Delft 3D model and identifying refinements needed for application to RD climate change resiliency within the Portland Harbor Site.
- Updated to the RD progress tracking tables.
- Developed a technical memorandum on interpolation methodology for Portland Harbor Site RD.

Task 15.4 – Flood Rise Model

- Prepared for and attended a meeting with ODEQ and the U.S. Army Corps of Engineers on February 8, 2022, to discuss flood rise modeling.
- Began developing a summary of the available models to use for flood rise and the outline of path-forward options to discuss with the performing parties.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000021
 Invoice Period: 30-JAN-2022 to 26-FEB-2022
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$37,131.93	\$886,167.84	59.53%	59.53%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$3,950.09	\$82,424.10	29.88%	29.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051	\$758.98	\$8,778.93	5.45%	5.45%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$2,909.79	\$27,076.81	60.86%	60.86%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$9,619.04	\$148,147.04	35.72%	35.72%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$10,163.96	\$117,917.25	49.55%	49.55%
Subtotal			\$2,714,880	\$2,714,880	\$64,533.79	\$1,338,624.96		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
Total Option 46			\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797	\$2,361.96	\$11,985.83	15.41%	15.41%
Total Option 47			\$77,797	\$77,797	\$2,361.96	\$11,985.83		

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
CARRIVEAU, JEANETTE	2021	23	10SWPC00	PREP COST DOC PKG/WCF PC ACQUI	Tuesday, 08/10/2021	0.25	0.00
						0.25	0.00
						Total Hours:	0.25

Approving Official: HARMON, RUSSELL

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
CARRIVEAU, JEANETTE	2021	24	10SWPC00	PREP COST DOC PKG/WCF PC ACQUI	Friday, 08/20/2021	0.25	0.00
						0.25	0.00
						Total Hours:	0.25

Approving Official: HARMON, RUSSELL

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
CLARK, JOCELYN	2021	24	10SWBE00	OVERSIGHT OF RP RD	Thursday, 08/19/2021	2.00	0.00
						2.00	0.00
						Total Hours:	2.00

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
DEMARIA, EVA	2022	09	10SWBE00	OVERSIGHT OF RP RD	Tuesday, 01/18/2022	1.00	0.00
						1.00	0.00
						Total Hours:	1.00

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
MAIRS, STEPHANIE	2021	24	10SWPS00	LEGAL SUFFICIENCY	Tuesday, 08/24/2021	0.50	0.00
						0.50	0.00
						Total Hours:	0.50

Approving Official: INGEMANSEN, DEAN

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
MAIRS, STEPHANIE	2022	03	10SWPS00	LEGAL SUFFICIENCY	Tuesday, 11/02/2021	0.50	0.00
						0.50	0.00
						Total Hours:	0.50

Approving Official: INGEMANSEN, DEAN

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
MAIRS, STEPHANIE	2022	06	10SWPS00	LEGAL SUFFICIENCY	Tuesday, 12/14/2021	1.00	0.00
						1.00	0.00
						Total Hours:	1.00

Approving Official: INGEMANSEN, DEAN

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
MAIRS, STEPHANIE	2022	08	10SWPS00	LEGAL SUFFICIENCY	Tuesday, 01/04/2022	0.50	0.00
					Friday, 01/07/2022	0.50	0.00
						1.00	0.00
					Total Hours:		1.00

Approving Official: INGEMANSEN, DEAN

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
MAIRS, STEPHANIE	2022	09	10SWPS00	LEGAL SUFFICIENCY	Tuesday, 01/18/2022	1.50	0.00
					Monday, 01/24/2022	1.00	0.00
						2.50	0.00
					Total Hours:		2.50

Approving Official: INGEMANSEN, DEAN

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2021	23	10SWBE00	OVERSIGHT OF RP RD	Tuesday, 08/03/2021	2.00	0.00
					Wednesday, 08/04/2021	3.50	0.00
					Thursday, 08/05/2021	1.50	0.00
					Monday, 08/09/2021	1.50	0.00
					Tuesday, 08/10/2021	2.25	0.00
					Wednesday, 08/11/2021	4.00	0.00
						14.75	0.00
						Total Hours:	14.75

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2021	24	10SWBE00	OVERSIGHT OF RP RD	Wednesday, 08/18/2021	2.00	0.00
					Thursday, 08/19/2021	1.50	0.00
						3.50	0.00
					Total Hours:		3.50

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2021	25	10SWBE00	OVERSIGHT OF RP RD	Tuesday, 09/07/2021	1.00	0.00
						1.00	0.00
						Total Hours:	1.00

Approving Official: LYNCH, KIRA

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2021	26	10SWBE00	OVERSIGHT OF RP RD	Friday, 09/17/2021	1.50	0.00
					Monday, 09/20/2021	7.00	0.00
					Tuesday, 09/21/2021	3.50	0.00
					Wednesday, 09/22/2021	6.50	0.00
					Thursday, 09/23/2021	3.00	0.00
					Friday, 09/24/2021	2.00	0.00
						23.50	0.00
						Total Hours:	23.50

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2021	27	10SWBE00	OVERSIGHT OF RP RD	Monday, 09/27/2021	3.00	0.00
					Tuesday, 09/28/2021	0.50	0.00
					Wednesday, 09/29/2021	4.50	0.00
					Thursday, 09/30/2021	1.00	0.00
						9.00	0.00
Total Hours:						9.00	

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	01	10SWBE00	OVERSIGHT OF RP RD	Friday, 10/01/2021	0.50	0.00
					Monday, 10/04/2021	2.50	0.00
					Thursday, 10/07/2021	3.50	0.00
						6.50	0.00
					Total Hours:		

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	02	10SWBE00	OVERSIGHT OF RP RD	Tuesday, 10/12/2021	1.00	0.00
					Wednesday, 10/13/2021	1.50	0.00
					Monday, 10/18/2021	2.00	0.00
					Tuesday, 10/19/2021	0.50	0.00
						5.00	0.00
						Total Hours:	5.00

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	03	10SWBE00	OVERSIGHT OF RP RD	Wednesday, 10/27/2021	0.50	0.00
					Thursday, 11/04/2021	1.00	0.00
						1.50	0.00
					Total Hours:		1.50

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	04	10SWBE00	OVERSIGHT OF RP RD	Monday, 11/08/2021	0.50	0.00
					Friday, 11/12/2021	3.50	0.00
					Monday, 11/15/2021	3.00	0.00
						7.00	0.00
					Total Hours:		

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	05	10SWBE00	OVERSIGHT OF RP RD	Monday, 11/22/2021	1.50	0.00
					Tuesday, 11/23/2021	1.50	0.00
					Wednesday, 11/24/2021	0.50	0.00
					Thursday, 12/02/2021	1.00	0.00
						4.50	0.00
					Total Hours:		

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	06	10SWBE00	OVERSIGHT OF RP RD	Monday, 12/06/2021	1.00	0.00
					Wednesday, 12/08/2021	0.50	0.00
					Thursday, 12/09/2021	1.00	0.00
					Monday, 12/13/2021	1.50	0.00
					Tuesday, 12/14/2021	2.00	0.00
					Thursday, 12/16/2021	0.50	0.00
					Friday, 12/17/2021	1.00	0.00
						7.50	0.00
Total Hours:						7.50	

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	07	10SWBE00	OVERSIGHT OF RP RD	Monday, 12/27/2021	0.50	0.00
						0.50	0.00
						Total Hours:	0.50

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	08	10SWBE00	OVERSIGHT OF RP RD	Monday, 01/03/2022	0.50	0.00
					Tuesday, 01/04/2022	1.00	0.00
					Friday, 01/07/2022	2.00	0.00
					Monday, 01/10/2022	1.00	0.00
					Wednesday, 01/12/2022	1.00	0.00
						5.50	0.00
						Total Hours:	5.50

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
NOVAK, ELIZABETH	2022	09	10SWBE00	OVERSIGHT OF RP RD	Tuesday, 01/18/2022	2.50	0.00
					Wednesday, 01/19/2022	2.00	0.00
					Thursday, 01/20/2022	4.00	0.00
					Monday, 01/24/2022	2.50	0.00
					Tuesday, 01/25/2022	0.50	0.00
					Wednesday, 01/26/2022	1.00	0.00
					Thursday, 01/27/2022	1.00	0.00
					Friday, 01/28/2022	1.00	0.00
						14.50	0.00
					Total Hours:	14.50	

Approving Official: WROBLE, JULIE

People Plus Time Reporting

PORTLAND HARBOR SWAN ISLAND LAGOON, SITE ID = 10SW

Name	FY	Pay Period	Site Activity code	Activity Code Description	Day	Regular Hours	Overtime Hours
SHAFFER, CALEB	2022	08	10SWBE00	OVERSIGHT OF RP RD	Tuesday, 01/04/2022	1.00	0.00
						1.00	0.00
						Total Hours:	1.00

Approving Official: WROBLE, JULIE

From: [Novak, Madi](#)
To: [Philip Spadaro](#)
Cc: [Mairs, Stephanie](#)
Subject: RE: Portland Harbor - Swan Island Basin (10TC)
Date: Tuesday, May 10, 2022 1:07:29 PM

Good Afternoon Philip,

As a follow up, I wanted to highlight some discrepancies that have been brought to our attention in the 10TC bill and provide some explanation. For the first eight invoices, the CDM Smith voucher amounts in the bill do not match the CDM Smith supporting documentation. This was a result of starting a new contract and sorting out the accounting in the initial stages of the contract. Some work wasn't charged, or was incorrectly charged, to the 10TC account. Fortunately it was resolved by invoice 9 and isn't an issue in the remaining invoices (i.e. the contractor voucher amounts match the contractor supporting documentation).

The CDM Smith supporting documentation has the correct amounts and description of the 10TC work. The net result is that the bill for each project area should have been for \$144,029.56 instead of \$142,661.85. Thus, you were undercharged by approximately \$1,300. Because we need to reconcile the first eight invoices within our accounting system, EPA is only asking for the \$142,661.85 amount cited in your current bill to be paid at this time. EPA will work with our accounting department to reconcile this discrepancy and these costs will show up as trailing charges in the next bill. No interest will accrue on this amount, and EPA will carry these costs until the next bill. Moving forward, this issue will not persist. Please let me know if you have any additional questions as you review the bill.

Also, as a reminder, below are the types of RD activities charged to the 10TC RD account:

- Programmatic Biological Assessment development (not individual site consultations, those go to specific project areas)
- Flood Rise Model development (not individual site flood rise evaluation but sitewide model development which benefits all project areas)
- Meetings: General TCT meetings, general Public Forums, general community meetings (unless they are related to one project area)
- Development of site-wide plans (e.g. HASP, split sampling QAAP, waste management plan)
- General community involvement activities and contracts related to RD (not meetings/activities that relate to just one project area)
- RD Guidelines development and sitewide general RD meetings (these benefit all project areas)
- Briefings to management, congressional calls, tribal calls, other agency and HQ meetings on general Portland Harbor RD or working through issues relating to RD unless they are related to one project area
- Community Involvement contracts and cooperative agreements related to RD that benefit all project areas

All of this work could be charged under the regular project area bills as it is RD-related, recoverable under the ASAOs, and consistent with the NCP. However, this accounting is more efficient and ultimately saves money in the overall tracking of costs. Work related to remedial action (e.g. RA

Workgroup activities, PCI meetings) is not charged to the 10TC account.

Thank you,
Madi

From: Philip Spadaro <pspadaro@intell-group.com>
Sent: Thursday, April 28, 2022 8:09 AM
To: Novak, Madi <Novak.Elizabeth@epa.gov>
Cc: Mairs, Stephanie <Mairs.Stephanie@epa.gov>; Zamastil, Douglas <zamastil.doug@epa.gov>
Subject: RE: Portland Harbor - Swan Island Basin (10TC)

Many thanks.

From: Novak, Madi <Novak.Elizabeth@epa.gov>
Sent: Wednesday, April 27, 2022 3:14 PM
To: Philip Spadaro <pspadaro@intell-group.com>
Cc: Mairs, Stephanie <Mairs.Stephanie@epa.gov>; Zamastil, Douglas <zamastil.doug@epa.gov>
Subject: RE: Portland Harbor - Swan Island Basin (10TC)

Hi Philip,
Please see attached.
Thank you,
Madi

From: Philip Spadaro <pspadaro@intell-group.com>
Sent: Wednesday, April 27, 2022 2:24 PM
To: Zamastil, Douglas <zamastil.doug@epa.gov>
Cc: Novak, Madi <Novak.Elizabeth@epa.gov>; Mairs, Stephanie <Mairs.Stephanie@epa.gov>
Subject: RE: Portland Harbor - Swan Island Basin (10TC)

Good afternoon Mr. Zamastil –

We are aware that EPA has been performing many site-wide activities. Is it possible for you to provide further information on the specific nature of the work performed under this invoice? A list or description of these will help facilitate our review.

Best regards.
Philip

From: Zamastil, Douglas <zamastil.doug@epa.gov>
Sent: Thursday, April 21, 2022 8:45 AM
To: Philip Spadaro <pspadaro@intell-group.com>
Cc: Novak, Madi <Novak.Elizabeth@epa.gov>; Mairs, Stephanie <Mairs.Stephanie@epa.gov>

Subject: Portland Harbor - Swan Island Basin (10TC)

Good evening,

Please see attached bill and cost summary for Portland Harbor - Swan Island Basin (10TC).

Thank you.

**Doug Zamastil - Information Management Coordinator &
Acting Cost Recovery Coordinator**

US Environmental Protection Agency – Region 10 - Environmental Cleanup Program

1200 6th Avenue, Suite 155 – 12-D12-1

Seattle, WA 98101

206-553-1385

zamastil.doug@epa.gov

Exhibit C

Notice of Dispute re EPA RD Site Wide Costs
May 23, 2022

May 23, 2022

Via Electronic Mail (Novak.Elisabeth@epa.gov)

Ms. Elisabeth Novak
Remedial Project Manager
Superfund and Emergency Management Division
U.S. EPA Region 10
805 SW Broadway, Ste. 500
Portland, Oregon 97205

Notice of Dispute
EPA Future Response Costs
ASAOC for Remedial Design for Swan Island Basin Project Area
CERCLA Docket No. 10-2021-001

Dear Ms. Novak:

This Notice of Dispute letter is being submitted on behalf of Daimler Trucks North America, LLC, Cascade General, Inc., Shipyard Commerce Center LLC, and Vigor Industrial LLC (collectively, the “Respondents”) to provide notice to EPA of Respondents’ intent to initiate informal dispute resolution, as provided by Paragraph Nos. 43 and 47 of the ASAOC for Remedial Design for the Swan Island Basin Project Area, CERCLA Docket No. 10-2021-001 (the “Settlement”). The Respondents are disputing the payment of certain Site-Wide Remedial Design costs incurred by U.S. EPA Region 10 (“EPA”) and for which the Respondents were invoiced on April 21, 2022.

As you know, the Settlement requires Respondents to pay to EPA “all EPA Future Response Costs not inconsistent with the NCP and incurred in accordance with Section III (Statement of Purpose).” See Paragraph No. 41 of the Settlement. The Settlement further provides that Respondents may dispute costs “not within the definition of EPA Future Response Costs.” See Paragraph No. 43 of the Settlement. EPA Future Response Costs are defined in Paragraph No. 10 of the Settlement to mean, in pertinent part, “all costs . . . that the EPA incurs in reviewing or developing deliverables submitted pursuant to this Settlement for the Swan Island Basin Project Area, in overseeing the implementation of the Work, or otherwise implementing, overseeing, or enforcing this Settlement” and “costs paid or incurred by EPA, prior to the Effective Date, in connection with negotiating this Settlement and charged to . . . account 10TC beginning on September 1, 2020.” Moreover, the definition of EPA Future Response Costs specifically excludes “costs of EPA oversight or data collected by EPA concerning any other response action or Settlement Agreement associated with the Site or other activities that do not specifically pertain to this Settlement including the implementation of the attached SOW” (referred to in this letter as “Excluded Costs”).

The Respondents are disputing EPA Payroll Costs, both direct and indirect, and certain Remedial Action Contract Strategy costs, as set out in EPA’s Certified Cost Recovery Package for Portland Harbor Gen RD Oversight, Portland, Oregon, Site ID 10TC (“Cost Recovery

Ms. Elisabeth Novak
Remedial Project Manager
U.S. EPA Region 10
May 23, 2022
- 2 -

Package”), and Task Order Progress Report, Portland Harbor (10TC), Invoice Nos. 1 through No. 21 (“Contractor Invoices”), because these costs are not EPA Future Response Costs or are Excluded Costs.

Respondents are disputing EPA’s Payroll Costs, as set out in the Cost Recovery Package, for the following reasons: (i) For those costs incurred between September 1, 2020 and the Effective Date (January 20, 2021), EPA’s Cost Recovery Package does not indicate whether those costs were incurred “in connection with negotiating” the Settlement; and (ii) for those costs incurred on or after the Effective Date, EPA’s Cost Recovery Package does not demonstrate that those costs were incurred “in reviewing or developing deliverables submitted pursuant to this Settlement for the Swan Island Basin Project Area, in overseeing implementation of the Work, or otherwise implementing, overseeing, or enforcing this Settlement.” Indeed, to the extent any of those costs track or relate to the costs described in the Contractor Invoices, then it is likely that many of those costs are not EPA Future Response Costs or are Excluded Costs.

Respondents are disputing certain costs described in the Contractor Invoices, or portions of those costs, for the following reasons: (i) For the costs set out in Invoice Nos. 1 through 7, those costs were incurred before the Effective Date or were not incurred in connection with negotiating the Settlement between September 1, 2020 and the Effective Date; (ii) for Invoice No. 8, there is not enough information for Respondents to determine what costs, if any, were incurred on or after the Effective Date, and, to the extent any of those costs were incurred on or after the Effective Date, certain of those costs were not incurred in reviewing or developing deliverables submitted pursuant to the Settlement, in overseeing the Work, or otherwise implementing, overseeing, or enforcing the Settlement or are Excluded Costs; and (iii) for the remaining invoices (Invoice Nos. 9 through 21) many of the costs described in the invoices were not incurred in reviewing or developing deliverables submitted pursuant to the Settlement, in overseeing the Work, or otherwise implementing, overseeing, or enforcing the Settlement or are Excluded Costs (Task 1.4, Task 3, and Task 4), or there is not enough information permitting Respondents to assign a specific dollar amount to costs Respondents have identified as EPA Future Response Costs (Tasks 15.1 and 15.2).

There are several tasks described in the Contractor Invoices that Respondent has identified where most of the costs appear to be EPA Future Response Costs. These tasks include Task 2.1, Task 2.5, Task 8.2, Task 8.3, Task 15.3, and Task 15.4. For convenience, we have included all of these costs as EPA Future Response Costs. The total amount incurred by EPA pursuant to these tasks is \$98,600.53. Respondents’ share of these costs is \$5,800.03 (1/17 of the total). Respondents will submit a Claim Certificate to de maximis, as required by the Trust Agreement, requesting payment of the \$5,800.03 in EPA Future Response Costs to EPA. For the remaining costs, \$136,861.82, Respondents will submit a Claim Certificate to de maximis, requesting that de maximis place this amount into an interest bearing, FDIC insured escrow account at the Bank of America, established by the Respondents. The Respondents will forward to EPA a copy of the correspondence establishing the escrow account. The Respondents also will provide to EPA the escrow account number and a bank statement showing the initial balance of the escrow

Ms. Elisabeth Novak
Remedial Project Manager
U.S. EPA Region 10
May 23, 2022
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account.

Please let me know when you have completed your review of this Notice of Dispute, so that we may set up a time to fully discuss the disputed costs. Thanks.

Sincerely,



Alan Sprott
Vice President, Environmental Services
Vigor Industrial LLC

cc: Stephanie Mairs, Regional Counsel, EPA Region 10 (Mairs.Stephanie@EPA.gov)

Exhibit D

Technical Evaluation of EPA and CDM Smith Charges
under 10TC Contract
July 11,2022



TO: Ed Carlson and Alan Sprott, (Vigor Industrial LLC)
Jennifer Sanscrainte and Richard Du Bey (Ogden Murphy Wallace P.L.L.C)

FROM: Philip Spadaro and Erin O'Connell (TIG Environmental)

SUBJECT: **Technical Evaluation of EPA and CDM Smith Charges under 10TC Contract**

DATE: July 11, 2022

Introduction

TIG Environmental¹ serves as the Project Coordinator for Remedial Design at the Swan Island Basin Project Area (Swan Island Basin) of the Portland Harbor Superfund Site. Remedial Design (RD) is being conducted under a U.S. Environmental Protection Agency (EPA) Administrative Settlement Agreement and Order on Consent (ASAOC) by Vigor Industrial, LLC (Vigor) and Daimler Trucks North America (Daimler), collectively referred to as the client group or the Swan Island Basin RD group. As part of EPA's administration of the RD process, EPA invoices each of the parties performing RD in a given project area for site-wide charges applicable to all project areas. These charges are billed under EPA's 10TC contract with its technical consultant, CDM Smith. This memorandum serves to document TIG's technical evaluation of the 10TC contract charges invoiced by EPA in April 2022 on bill number 2702226S0064.

Methodology

TIG evaluated the 10TC charges and supporting documentation provided by EPA and CDM Smith at the request of the client group to provide a technical analysis of the EPA 10TC invoice. Based on this analysis and review, TIG sorted the task descriptions into four categories based on the following criteria (Attachment 1):

1. **Green** (Category 1: within EPA Future Response Costs): The description of the work is sufficiently detailed to determine the work is consistent with the scope of work for the Swan Island Basin or is part of a general work product that is applicable and necessary for the efficient execution of the RD work at Swan Island Basin.
2. **Yellow** (Category 2: likely within EPA Future Response Costs): Additional details are needed; however, the work likely relates in some way to the scope of work for the Swan Island Basin or is part of a general work product that is applicable and necessary for the efficient execution of the RD work at Swan Island Basin.

¹ TIG Environmental is a member of The Intelligence Group.



Technical Evaluation of EPA and CDM Smith Charges under 10TC Contract

3. **Orange** (Category 3: likely not within EPA Future Response Costs): Additional details are needed; however, the work is likely not consistent with the scope of work for the Swan Island Basin project area or is not part of a general work product that is applicable and necessary for the efficient execution of the RD work at Swan Island Basin.
4. **Red** (Category 4: not within EPA Future Response Costs): Description of the work is sufficiently detailed to determine that the work is likely not consistent with the scope of work for the Swan Island Basin or is likely not a part of a general work product that is applicable and necessary for the efficient execution of the RD work at Swan Island Basin or includes direct references to work performed at other RD project areas.

All charges on the 10TC contract and invoiced to the Swan Island Basin RD group that were incurred prior to September 1, 2020 were marked in the red category. That is due to the fact that September 1, 2020 is the date that was the start of the EPA 10TC account, and any work incurred prior to these negotiations is not considered applicable to sitewide work conducted to support RD work to be performed at Swan Island Basin. In addition, insufficient information was available to break out costs incurred prior to and following September 1, 2020 for the work conducted in the billing period between August 23, 2020 and September 26, 2020. Therefore, TIG has placed the entirety of the work conducted between August 23 and September 26, 2020 in the red category.

Following categorization of the descriptions of work conducted under each task for each billing period into one of the color codes, TIG applied this categorization to the invoiced amounts for each task to determine the approximate value of the work in each of the four categories (Table 1; Attachment 2). Because the 10TC invoices only supplied incurred amounts on a task-wide basis, some tasks had work that fell into multiple color categories. In the instance where multiple categories were present for a given task in each billing period, TIG designated the entire task as the highest numbered color category present. For example, if the work described for a specific task for a specific billing period contained yellow (category 2) and green (category 1) work descriptions, TIG assigned the entire task to the yellow (category 2) category.

Results

The total value of all invoiced work, not including EPA payroll and indirect costs, between September 1, 2020 and February 26, 2022 is \$1,222,565.97. The total value of the charges in each of the four color categories described above is listed below in Table 1. The categorization of charges made to the invoiced work on a task-specific level is shown in Attachment 2.

Technical Evaluation of EPA and CDM Smith Charges under 10TC Contract

Red total (Category 4: not within EPA future response costs)	\$237,027.59
Orange Total (Category 3: likely not within EPA future response costs)	\$303,897.13
Yellow Total (Category 2: likely within EPA future response costs)	\$403,009.57
Green Total (Category 1: within EPA future response costs)	\$278,631.68
Total	\$1,222,565.97

Table 1: Total value of invoiced work in each category, as defined above.²

² Based on TIG's review, the total of costs represented in CDM Smith's 10TC Supporting Documents is different than in EPA's certified cost recovery package. The documentation provided to TIG to date did not allow us to resolve this discrepancy. For the purposes of this evaluation, TIG relied on the costs provided by CDM Smith in their 10TC Supporting Documents file.

Attachment 1

Task Order Progress Reports



Task Order Progress Report Portland Harbor (10TC Tasks)

Contract No: 68HE0318D0003

Task Order No: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 05/27/2020 to 06/27/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B Task and Site ID Crosswalk

II. Discussion of Activities Conducted During the Reporting Period

The following provides a discussion of activities performed during the reporting period by task. Tasks in the contract not identified below had no activity during this reporting period.

Task 3.0 – Project Management, Monitoring and Reporting

- (4) Performed regular work assignment maintenance such as weekly financial tracking, monthly invoice preparation, and general work assignment correspondence for the U.S. Environmental Protection Agency (EPA) remedial project manager (RPM).
- (4) Setting up the new contract work breakdown structure with EPA project billing codes for cost recovery purposes into CDM Smith's accounting system.
- (4) Evaluating funded tasks and reporting to EPA additional task funding needs for the UAO ASAOs, Biological Assessment, field oversight, split sampling, ongoing data management and scribe support.

Task 15.1 – Technical Assistance Meeting Support

- (4) Attended Portland Sediment Evaluation Team meetings on June 17, 2020.
- (4) Attended weekly EPA team meetings on June 16 and 23, 2020.
- (4) Held and attended RPM/task lead coordination calls on June 18 and 25, 2020.
- (4) Prepared and provided EPA a list that describes CERCLA Coordination Permitting activities and a List of Technical Meetings for the June 24, 2020 TCT Meeting
- (4) Attended a TCT meeting on June 24, 2020.
- (4) Attended a meeting with EPA on June 18, 2020, to discuss application of ROD Table 16 COCs.
- (4) Attended a meeting with EPA on June 24, 2020 to discuss new direction with Portland Harbor Interim Database and EPA Scribe access for the Public.

Task 15.2 – Technical Assistance

- (4) Continue preparing updated information in the remedial design (RD) guide, including a new Frequently Commented summary by RD deliverable appendix and finalizing Points of Compliance/Long-Term Monitoring Appendix C.
- (4) Updating the administrative settlement agreement and order on consent (ASAO) RD tracking table.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000001
 Invoice Period: 27-MAY-2020 to 27-JUN-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171					0.00%	0.00%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699					0.00%	0.00%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750					0.00%	0.00%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536					0.00%	0.00%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	355.9	\$55,169.21	355.9	\$55,169.21	3.71%	3.71%
4	Community Involvement	10TCBE00	\$275,817	\$275,817					0.00%	0.00%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968					0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051					0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491					0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	24.0	\$3,605.16	24.0	\$3,605.16	0.87%	0.87%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	8.5	\$1,065.28	8.5	\$1,065.28	1.15%	1.15%
	Subtotal		\$2,569,904	\$2,569,904	388.4	\$59,839.65	388.4	\$59,839.65		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316					0.00%	0.00%
	Total Option 46		\$85,316	\$85,316	0.0	\$0.00	0.0	\$0.00		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890					0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #2 Portland Harbor Superfund Site (10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 07/26/2020 to 08/22/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following provides a discussion of activities performed during the reporting period by task. Tasks in the contract not identified below had no activity during this reporting period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- (4) Performed regular work assignment maintenance, such as weekly financial tracking, monthly invoice preparation, and general work assignment correspondence for the EPA Remedial Project Manager (RPM).
- (4) Set up the new contract work breakdown structure with EPA project billing codes for cost recovery purposes into CDM Smith's accounting system.
- (4) Evaluated funded tasks and reporting to EPA additional task funding needs for the data management work, unilateral administrative order (UAO) administrative settlement agreements and orders on consent (ASAOs), biological assessment, field oversight, split sampling, ongoing data management, and Scribe support.
- (4) Provided a draft and updated draft summary of activities and estimated effort for the DMP, Portland Harbor interim database, and Scribe data management.
- (4) Provided documentation on July 20, 2020, for acknowledging rebudgeting the option tasks, specifically, for the fund-lead options.

Task 4.0 – Community Involvement Support

- (4) Prepared a map and info link for a Community Assistance Group request for sediment management area (SMA) information in the Cathedral Park area.
- (4) Provided answers to risk communication questions on Cathedral Park beach remedial investigation composite sampling.
- (4) Provided presentation slides on site history from previous Portland Harbor presentations.
- (4) Attended a meeting with the EPA Region 10 Community Involvement Coordinator on July 22, 2020, to discuss risks at Cathedral Park.
- (4) Developed risk uncertainty slides on Cathedral Park and calculated carcinogenic polycyclic aromatic hydrocarbon risk in preparation for the August 6, 2020 community meeting.
- (4) For community engagement, prepared a summary of remedial investigation composite beach sampling at the Cathedral Park beach.

- (4) Revised EPA talking points for the Cathedral Park community meeting.

Task 15.1 – Technical Assistance Meeting Support

- (4) Attended Portland Sediment Evaluation Team meetings on July 1, 15, and 22, 2020.
- (4) Attended weekly EPA team meetings on June 30 and July 7, 14, and 21, 2020.
- (4) Held and attended EPA RPM/task lead coordination calls on July 2, 9, 16, and 23, 2020.
- (4) Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the July 8 and 22, 2020 TCT meetings
- (4) Attended a TCT meetings on July 8 and 22, 2020.
- (4) Attended a meeting on July 15, 2020, with EPA and agency partners on planning the programmatic biological assessment.
- (4) Attended a meeting with EPA and Oregon Department of Environmental Quality (ODEQ) on July 21, 2020, to discuss ODEQ plans and purpose for establishing trigger and screening-level values for the downtown and upriver reaches of the Willamette River.

Task 15.2 – Technical Assistance

- (4) Continued preparing updated information in the RD guide, including a new Frequently Commented summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long-Term Monitoring.
- (4) Continued updating the ASAOC RD tracking table.
- (4) Provided consultation and documentation on the RD Cost Estimation Guidance.
- (4) Prepared a draft and final statement for EPA to use on sufficiency assessment report (SAR) reviews/final approval submittals to clarify the separation of this review/approval with their allocation needs.
- (4) Provided EPA a list of updates needed to finalize the programmatic biological assessment.
- (4) Prepared a draft and final responsiveness review and approval process, Part 2/Page 2 of the RD deliverable review process flow chart.
- (4) Prepared draft and final comments on the response to comment (RTC) screening process in SAR reviews.
- (4) Developed draft mitigation text for the RD Guideline, Appendix B.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000002
 Invoice Period: 28-JUN-2020 to 25-JUL-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			0.0	\$0.00	0.00%	0.00%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699			0.0	\$0.00	0.00%	0.00%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			0.0	\$0.00	0.00%	0.00%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			0.0	\$0.00	0.00%	0.00%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	336.1	\$47,823.19	692.0	\$102,992.40	6.92%	6.92%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	19.5	\$2,920.59	19.5	\$2,920.59	1.06%	1.06%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	60.5	\$9,527.51	84.5	\$13,132.67	3.17%	3.17%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	29.5	\$3,408.69	38.0	\$4,473.97	4.81%	4.81%
	Subtotal		\$2,569,904	\$2,569,904	445.6	\$63,679.98	834.0	\$123,519.63		
Site Wide Work- Options										
Option46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316			0.0	\$0.00	0.00%	0.00%
	Total Option 46		\$85,316	\$85,316	0.0	\$0.00	0.0	\$0.00		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #3

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 07/26/2020 to 08/22/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.1 – Kickoff Meeting

- (4) Conducted a combined project kickoff meeting and project quality management (PQM) meeting with EPA staff on August 11, 2020.

Task 2.1 – Split Sampling QAPP

- (4) Initiated development of the programmatic split sampling quality assurance project plan (QAPP) for Portland Harbor remedial design (RD) field oversight.

Task 2.5 – Health and Safety Plan (HASP)

- (4) Initiated development of the programmatic HASP for Portland Harbor RD field oversight and fund lead pre-design investigation (PDI) work.

Task 3.0 – Project Management, Monitoring, and Reporting

- (4) Performed regular work assignment maintenance, such as weekly financial tracking, monthly invoice preparation, and general work assignment correspondence, for the EPA Lead Task Order Client Officer Representative (TOCOR).
- (4) Prepared for and facilitated a PQM meeting on August 11, 2020.
- (4) Evaluated funded tasks and reporting to EPA additional task funding needs for the field oversight, split sampling, ongoing data management, and Scribe support.
- (4) Developed and provided a draft change notification form for EPA review and approval.
- (4) Revised and updated Invoice #1 to include a report showing labor support schedule of charges by name and task.

Task 4.0 – Community Involvement Support

- (4) Developed revisions to EPA's version #2 message map for the Cathedral Park community meeting.
- (4) Provided edits to EPA presentation for Cathedral Park community meeting.
- (4) Completed risk uncertainty slides on Cathedral Park and calculated carcinogenic polycyclic

- aromatic hydrocarbon risk in preparation for the August 6, 2020 community meeting.
- (4) Provided updated talking points and map on sediment management areas offshore of Cathedral Park for Cathedral Park community meeting.
- (4) Provided response to follow-up questions asked at the Cathedral Park community meeting.

Task 15.1 – Technical Assistance Meeting Support

- (4) Attended Portland Sediment Evaluation Team meeting on August 12, 2020.
- (4) Attended weekly EPA team meetings on July 28 and August 4, 11, and 18, 2020.
- (4) Held and attended EPA RPM/task lead coordination calls on July 30 and August 6, 13, and 20, 2020.
- (4) Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the August 12, 2020 Technical Coordination Team (TCT) meetings.
- (4) Attended a TCT meeting on August 12, 2020.
- (4) Attended a meeting on August 19, 2020, with EPA and agency partners on planning the programmatic biological assessment.
- (4) Attended a meeting with EPA and Oregon Department of Environmental Quality (ODEQ) on July 27, 2020, to discuss ODEQ Upriver Reach sampling plan.

Task 15.2 – Technical Assistance

- (4) Continued preparing updated information in the RD guide, including a new Frequently Commented summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long-Term Monitoring.
- (4) Continued updating the administrative settlement agreements and orders on consent (ASAOs) RD tracking table.
- (4) Developed and provided rationale for split sampling during RD oversight.
- (4) Updated habitat mitigation text to address and incorporate EPA (ORC) comments for the RD Guideline, Appendix B.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000003
 Invoice Period: 26-JUL-2020 to 22-AUG-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171	63.5	\$8,709.69	63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699			0.0	\$0.00	0.00%	0.00%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	27.5	\$4,856.18	27.5	\$4,856.18	20.45%	20.45%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	67.0	\$8,305.72	67.0	\$8,305.72	57.14%	57.14%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	333.8	\$53,726.78	1025.7	\$156,719.18	10.53%	10.53%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	33.5	\$5,312.80	53.0	\$8,233.39	2.99%	2.99%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	45.5	\$7,341.13	130.0	\$20,473.80	4.94%	4.94%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	15.0	\$2,024.54	53.0	\$6,498.51	6.99%	6.99%
	Subtotal		\$2,569,904	\$2,569,904	585.8	\$90,276.84	1419.7	\$213,796.47		
Site Wide Work- Options										
Option46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316			0.0	\$0.00	0.00%	0.00%
	Total Option 46		\$85,316	\$85,316	0.0	\$0.00	0.0	\$0.00		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #4

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 08/23/2020 to 09/26/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during the period. Itemized hours and costs per task, and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes, are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Conducted planning meetings with CDM Smith technical leads and EPA to discuss scope and level of effort regarding the fund-lead pre-design investigation (PDI) and preliminary remedial design (RD) work.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Continued developing the programmatic split sampling quality assurance project plan for Portland Harbor RD field oversight.

Task 2.5 – Health and Safety Plan

- (4) Completed developing and delivered the draft programmatic health and safety plan for Portland Harbor RD field oversight and fund-lead PDI work.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, and general task order correspondence, for the EPA Lead Task Order Client Officer Representative (TOCOR).
- (2) Prepared a resubmittal of Invoice #1 with a labor support schedule of charges by employee name and task.
- (1) Incorporated and set up the additional tasks funded under Contract Modifications P00001 and P00002 in CDM Smith's project management system.
- (1) Prepared a price proposal in response to Task Order Statement of Work Revision 4 (09/01/2020), RFO No. 68HE0719R0034 that added scope and funding to Task 2.4 Data Management Plan and a new task, Task 8.3 Scribe Management Support.
- (1) Evaluated funded tasks and reported to EPA additional task funding needs for field oversight, split sampling, and other potential option tasks that may require funding before the end of the year, such as the Swan Island Lagoon RD.

- (1) Developed a revised draft change notification form for EPA review and approval.
- (1) Attended a meeting on September 2, 2020, with the EPA lead TOCOR and Contracting Officer to discuss information needs and format for a revised change notification form.
- (4) Submitted a draft change notification form involving refinement of work scope and planning for fund-lead PDI and preliminary RD work.
- (1) Submitted a draft change notification form that identifies extra work effort requested under the referral package support.

Task 4.0 – Community Involvement Support

- (4) Provided responses to follow-up questions asked at the Cathedral Park community meeting.
- (4) Provided edits to the meetings notes from the August 6, 2020 community meeting.
- (4) Provided edits and revisions to the EPA presentation for the Cathedral Park community meeting.
- (2) Attended preparation meetings for the September 16, 2020 public forum.
- (2) Provided a compilation of web links to Portland Harbor publicly available data for an interested community member.

Task 15.1 – Technical Assistance Meeting Support

- (2) Attended Portland Sediment Evaluation Team meetings on September 2, 9, and 16, 2020.
- (2) Attended weekly EPA team meetings on August 25 and September 1, 8, 15, and 22, 2020.
- (2) Held and attended EPA RPM/task lead coordination calls on August 27 and September 3, 10, 17, and 24, 2020.
- (1) Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the August 26 and September 9 and 23, 2020 Technical Coordination Team (TCT) meetings.
- (2) Attended TCT meetings on August 26, September 9 and 23, 2020.
- (1) Attended meetings with EPA and Oregon Department of Environmental Quality (ODEQ) on August 24 and September 10, 2020, to discuss the ODEQ Upriver Reach data validation plan and sampling logistics.

Task 15.2 – Technical Assistance

- (1) Continued preparing updated information in the RD guide, including a new Frequently Commented summary by RD deliverable appendix and finalizing *Appendix C Points of Compliance/Long-Term Monitoring*.
- (1) Continued updating the administrative settlement agreements and orders on consent (ASOCs) RD tracking table.
- (1) Initiated preparing a record of-decision-identified groundwater plume table summary to support further discussions with ODEQ regarding ongoing groundwater plumes and their potential to recontaminate in-water RD areas.
- (1) Continued updating the RD sequencing document to evaluate sequencing of remedial action under a division of four main areas of the site (East Side, West Side, Navigation Channel, and Swan Island Lagoon).

Task 15.3 – Biological Assessment

- (1) Attended meetings to discuss scope, schedule, resources, etc. for the programmatic biological assessment (PBA) and the deconstruction matrix.

- (1) Attended biweekly calls on September 2 and 16, 2020 with the PBA team, including Hunter Young (CDM Smith), Andrea Latier (EPA), Caleb Shaffer (EPA), Kate Wells (National Marine Fisheries Service), and Jeremy Buck (U.S. Fish and Wildlife Service).
- (1) Initiated developing the deconstruction matrix and geographic information system map for PBA figures.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000004
 Invoice Period: 23-AUG-2020 to 26-SEP-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	6.0	\$1,020.16	6.0	\$1,020.16	3.12%	3.12%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	40.3	\$4,899.40	67.8	\$9,755.58	41.08%	41.08%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	19.5	\$2,719.70	86.5	\$11,025.42	75.85%	75.85%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	267.8	\$39,594.05	1293.5	\$196,313.23	13.19%	13.19%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	14.0	\$2,150.35	67.0	\$10,383.74	3.76%	3.76%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	49.5	\$7,853.08	179.5	\$28,326.88	6.83%	6.83%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	24.5	\$3,586.64	77.5	\$10,085.15	10.85%	10.85%
	Subtotal		\$2,569,904	\$2,569,904	421.5	\$61,823.38	1841.2	\$275,619.85		
Site Wide Work- Options										
Option46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	24.5	\$2,856.26	24.5	\$2,856.26	3.35%	3.35%
	Total Option 46		\$85,316	\$85,316	24.5	\$2,856.26	24.5	\$2,856.26		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #5

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 09/27/2020 to 10/24/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meeting

- (1) Prepared a list and met with the EPA Lead Task Order Client Officer Representatives (TOCORs) to discuss remaining remedial design (RD) tasks and activities such as field oversight, split sampling, and RD area oversight that require funding to support anticipated baseline and option tasks.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Completed development and delivery of a draft of the split sampling quality assurance project plan (QAPP) for EPA review.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, and general task order correspondence, for the EPA TOCOR.
- (1) Prepared and delivered a basis of estimate response for request for offer number 68HE0719R0034 amendment 0001 and 00002 to support EPA RD data management, and Scribe support.
- (1) Developed and provided draft change notifications 003 and 004 for EPA review and approval.

Task 4.0 – Community Involvement Support

- (4) Attended planning meetings with EPA to discuss community involvement opportunities during fund-lead work, with a focus on Cathedral Park.
- (3) Prepared and provided to EPA a list of CDM Smith's small business outreach records.

Task 15.1 – Technical Assistance Meeting Support

- (1) Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the October 14, 2020 Technical Coordination Team (TCT) meetings.
- (2) Attended a TCT meeting on October 14, 2020.

- (2) Attended Portland Sediment Evaluation Team meetings on October 7 and 21, 2020.
- (2) Attended weekly EPA team meetings on September 29 and October 6, 13, and 20, 2020.
- (2) Held and attended EPA TOCOR/task lead coordination calls on October 1, 8, 15, and 22, 2020.

Task 15.2 – Technical Assistance

- (1) Continued preparing updated information in the RD guide, including a new frequent comment summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long- Term Monitoring.
- (1) Continued updating the administrative settlement agreements and orders on consent (ASAOs) RD tracking table.
- (1) Developed a draft groundwater plume status summary table for plumes identified in the record of decision (ROD) for discussions during groundwater subcommittee meetings with the Oregon Department of Environmental Quality
- (2) Updated the RD/remedial action sequencing memorandum and attended meetings with EPA to discuss updates.

Task 15.3 – Biological Assessment

- (1) Continued development of the deconstruction matrix and GIS mapping support. Provided a draft matrix to the external team during a call on September 30, 2020.
- (1) Initiated development of preliminary biological assessment sections, including salmon analysis, baseline ecological risk assessment analysis, and project description updates, and revised the introduction and cumulative effects sections and made other revisions throughout template document.
- (1) Attended biweekly calls on September 30 and October 21, 2020, with the preliminary biological assessment team, including Hunter Young, Andrea Latier, Caleb Shaffer (EPA), Kate Wells (National Marine Fisheries Service), and Jeremy Buck (U.S. Fish and Wildlife Service).
- (1) Prepared for and participated in a Deconstruction Matrix Workshop on October 15, 2020, with the external team.
- (1) Conducted biweekly internal calls with CDM Smith team to track progress.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000005
 Invoice Period: 27-SEP-2020 to 24-OCT-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	3.0	\$577.80	9.0	\$1,597.96	4.89%	4.89%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	49.5	\$5,624.38	117.3	\$15,379.96	64.76%	64.76%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			86.5	\$11,025.42	75.85%	75.85%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	250.5	\$37,439.43	1544.0	\$233,752.66	15.70%	15.70%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	4.5	\$836.16	71.5	\$11,219.90	4.07%	4.07%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	20.0	\$3,221.79	199.5	\$31,548.67	7.61%	7.61%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	34.5	\$5,270.05	112.0	\$15,355.20	16.52%	16.52%
	Subtotal		\$2,569,904	\$2,569,904	362.0	\$52,969.61	2203.2	\$328,589.46		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	98.4	\$11,053.19	122.9	\$13,909.45	16.30%	16.30%
	Total Option 46		\$85,316	\$85,316	98.4	\$11,053.19	122.9	\$13,909.45		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #6

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 10/25/2020 to 11/28/2020

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site ID Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meeting

- (1) Participated in call with EPA Lead Task Order Client Officer Representatives (TOCORs) to discuss general quality assurance for pre-design investigation (PDI) data collection and review.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Revised draft of the split sampling quality assurance project plan for EPA review comments and transmit final version.

Task 2.5 – Health and Safety Plan

- (1) Revised draft health and safety plan and transmit final version to the project team.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting and general task order correspondence, for the EPA TOCOR.
- (3) Finalized subcontract for Kern Statistical Services, Inc.
- (1) Developed and provided a draft change notification for additional effort associated with Upriver Reach Dioxin/Furan Surface Sediment Sampling Work Plan Documents Technical Review.
- (1) Developed and provided draft change notification for boat rental to safely perform field oversight scope responsibilities.

Task 4.0 – Community Involvement Support

- (4) Investigated opportunities for community science and inclusive procurement for the fund-lead remedial design (RD) areas.
- (2) Prepared an updated geographic information system (GIS) map showing RD areas under administrative settlement agreements and orders on consent (ASAOs) for a fact sheet.

- (3) Prepared and provided to EPA a list of CDM Smith's small business outreach records.

Task 15.1 – Technical Assistance Meeting Support

- (1) Prepared and provided EPA a list that describes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) coordination permitting activities and a list of technical meetings for the October 28 and November 25, 2020 Technical Coordination Team (TCT) meetings.
- (2) Participated in calls with the TCT on October 28 and November 25, 2020.
- (2) Participated in calls with the EPA team on October 27 and November 3, 10, 17, and 24, 2020.
- (2) Participated in EPA TOCOR/task lead coordination calls on October 29 and November 5, 12, and 19, 2020.
- (2) Participated in calls with the Portland Sediment Evaluation Team on November 18 and 25, 2020.

Task 15.2 – Technical Assistance

- (1) Continued preparing updated information in the RD guide, including a new frequent comment summary by RD deliverable appendix, and finalizing Appendix C, Points of Compliance/Long- Term Monitoring.
- (2) Continued updating the ASAOs RD tracking table.
- (3) Finalized a draft groundwater plume status summary table for plumes identified in the record of decision for discussions during groundwater subcommittee meetings with the Oregon Department of Environmental Quality (DEQ).

Task 15.3 – Biological Assessment

- (1) Continued development of the deconstruction matrix.
- (1) Continued revisions of preliminary biological assessment text.
- (1) Attended biweekly calls with EPA, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service.
- (1) Conducted biweekly internal calls with the CDM Smith team to track progress.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000006
 Invoice Period: 25-OCT-2020 to 28-NOV-2020
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	6.0	\$1,021.24	15.0	\$2,619.20	8.01%	8.01%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	10.8	\$1,337.27	128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	8.0	\$1,161.69	94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	223.0	\$32,737.62	1767.0	\$266,490.28	17.90%	17.90%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	5.0	\$864.65	76.5	\$12,084.55	4.38%	4.38%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	36.0	\$5,388.88	235.5	\$36,937.55	8.90%	8.90%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	138.0	\$20,246.69	250.0	\$35,601.89	38.29%	38.29%
	Subtotal		\$2,569,904	\$2,569,904	426.8	\$62,758.04	2630.0	\$391,347.50		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	138.2	\$17,220.69	261.1	\$31,130.14	36.49%	36.49%
	Total Option 46		\$85,316	\$85,316	138.2	\$17,220.69	261.1	\$31,130.14		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #7

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 11/29/2020 to 01/02/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (2) Facilitated and participated in a meeting with EPA to plan use and functionality of the interim database users guide.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representative (TOCOR).
- (1) Finalized procurement and rental services agreement for pontoon boat rental with SK Watercraft Rentals as an option to perform future field oversight.
- (3) Monitored work effort specific to remedial design (RD) deliverables and participated in call with the EPA Remedial Project Manager on December 3, 2020, to identify and discuss additional documents being submitted by performing parties that exceed task scope assumptions (e.g., RM2E added appendices to the sufficiency assessment report (SAR)).
- (3) Participated in call with EPA on December 1, 2020, to present an earned value dashboard, discuss project financial status and details of the earned value dashboard components, and discuss the desired delivery schedule of this information to EPA.

Task 4.0 – Community Involvement Support

- (2) Reviewed community involvement strategy information.
- (1) Attended and provided input to EPA during a preparation session with EPA and Triangle Associates staff on December 3, 2020.

Task 15.1 – Technical Assistance Meeting Support

- (2) Participated in calls with the Portland Sediment Evaluation Team on December 2, 9, 16 and 23, 2020.
- (2) Developed summary status for and participated in a Portland Harbor Technical Coordinating Team (TCT) meeting on December 9, 2020.
- (2) Attended EPA manager meetings on December 1, 8, 15, and 29, 2020.

- (2) Attended meeting with EPA on December 7, 2020 to discuss remedial action sequencing information and planning for future remedial action guidelines/considerations document.

Task 15.2 – Technical Assistance

- (1) Met with EPA on December 9, 2020 to discuss Appendix C points of compliance monitoring tables and continued refinement of those tables.
- (1) Completed and delivered an updated RD Guidelines/Consideration document to EPA.
- (1) Attended a meeting with EPA on December 22, 2020 to provide an overview of all updated sections and appendices within the RD Guidelines/Consideration document.

Task 15.3 – Biological Assessment

- (1) Continued development of deconstruction matrix.
- (1) Continued revisions of preliminary biological assessment text and delivered Sections 1 through 3 to EPA.
- (1) Participated in biweekly calls with EPA, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service on December 2, 16, and 30, 2020.
- (1) Participated in biweekly coordination calls with CDM Smith team to track progress.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000007
 Invoice Period: 29-NOV-2020 to 02-JAN-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	3.0	\$389.55	18.0	\$3,008.75	9.20%	9.20%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	216.3	\$34,785.25	1983.2	\$301,275.53	20.24%	20.24%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	6.0	\$905.33	82.5	\$12,989.88	4.71%	4.71%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	21.5	\$3,768.15	257.0	\$40,705.70	9.81%	9.81%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	72.0	\$9,266.90	322.0	\$44,868.79	48.26%	48.26%
	Subtotal		\$2,569,904	\$2,569,904	318.8	\$49,115.18	2948.7	\$440,462.68		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	59.5	\$7,229.15	320.5	\$38,359.29	44.96%	44.96%
	Total Option 46		\$85,316	\$85,316	59.5	\$7,229.15	320.5	\$38,359.29		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890			0.0	\$0.00	0.00%	0.00%
	Total Option 47		\$41,890	\$41,890	0.0	\$0.00	0.0	\$0.00		

Task Order Progress Report for Invoice #8

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 01/03/2021 to 01/30/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during the reporting period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, quality assurance reviews, and general task order correspondence for the EPA Task Order Contracting Officer Representative (TOCOR).
- (1) Monitored work effort specific to remedial design (RD) deliverables.

Task 4.0 – Community Involvement Support

- (4) Attended meeting on January 28, 2021 with EPA to discuss and plan Cathedral Park working group meetings in February.
- (3) Initiated development of a presentation with a procurement specialist to describe CDM Smith's EPA contract award and the firm's procurement process.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed summary status for and participated in Portland Harbor Technical Coordinating Team (TCT) meetings on January 13 and 27, 2021.
- (2) Attended EPA manager meetings on January 5, 12, 19, and 26, 2021.
- (2) Participated in the January 13, 2021 Portland Sediment Evaluation Team meeting.
- (2) Prepared for and participated in technical ad-hoc meeting with the TCT on January 20, 2021, to discuss updates to the Appendix C points of compliance monitoring tables.

Task 15.2 – Technical Assistance

- (1) Discussed Appendix C points of compliance monitoring tables and continued refinement of those tables.
- (2) Prepared a presentation for and attended a meeting with EPA on January 14, 2021, to discuss transload facilities and their considerations and function for RD/remedial action.
- (1) Initiated addressing EPA edits and comments to the updated RD Guidelines/Consideration document.

Task 15.3 – Biological Assessment

- (1) Continued revisions to preliminary biological assessment text and delivered additional sections of the draft to EPA.
- (1) Participated in a biweekly call with EPA, the National Marine Fisheries Service, and the U.S. Fish and Wildlife Service on January 20, 2021.
- (1) Participated in a call with EPA on January 26, 2021, to discuss schedule and budget.

Task 15.4 – Flood Rise Model

- (1) Attended a meeting on January 5, 2021, with EPA to discuss flood rise scope and rebalancing level of effort with existing funding.
- (1) Initiated preparation of revised level of effort for work effort clarifications as directed by EPA during the January 5, 2021 meeting.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000008
 Invoice Period: 02-JAN-2021 to 30-JAN-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699			18.0	\$3,008.75	9.20%	9.20%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	224.5	\$33,373.63	2207.7	\$334,649.16	22.48%	22.48%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	13.5	\$1,798.50	96.0	\$14,788.38	5.36%	5.36%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	37.0	\$6,220.47	294.0	\$46,926.17	11.31%	11.31%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	44.0	\$7,776.36	366.0	\$52,645.15	56.62%	56.62%
	Subtotal		\$2,569,904	\$2,569,904	319.0	\$49,168.96	3267.7	\$489,631.64		
Site Wide Work- Options										
Option46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	30.5	\$4,335.31	351.0	\$42,694.60	50.04%	50.04%
	Total Option 46		\$85,316	\$85,316	30.5	\$4,335.31	351.0	\$42,694.60		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	7.5	\$897.31	7.5	\$897.31	2.14%	2.14%
	Total Option 47		\$41,890	\$41,890	7.5	\$897.31	7.5	\$897.31		

Task Order Progress Report for Invoice #9

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 01/31/2021 to 02/27/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (2) Attended a meeting with EPA on February 11, 2021, to discuss remedial action sequencing and implementation.
- (4) Prepared for and attended planning meetings for fund-lead work efforts on February 5, 12, 19, and 26.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA Task Order Contracting Officer Representative (TOCOR).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (3) Provided an update on earned value tracking metrics to the TOCORs.

Task 4.0 – Community Involvement Support

- (4) Prepared draft and final presentation slides for the Cathedral Park Working Group meeting on February 24, 2021.
- (4) Attended a preparation run meeting on February 18, 2021.
- (4) Attended the Cathedral Park Working Group meeting on February 24, 2021. Presented and answered questions about CDM Smith, our contract with EPA, how we procure subcontractors to support our work efforts, and where the Superfund Job Training Initiative fits within the RD/remedial action process.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed summary status for and participated in Portland Harbor Technical Coordinating Team (TCT) meetings on February 10 and 24, 2021.
- (2) Participated in Portland Sediment Evaluation Team meetings on February 10 and 24, 2021.

- (2) Participated and led technical coordination calls between EPA TOCORs and CDM Smith task leads on February 4, 11, 18, and 25, 2021.

Task 15.2 – Technical Assistance

- (1) Discussed Appendix C points of compliance monitoring tables and continued refinement of those tables.
- (1) Continued to address EPA edits and comments to the updated RD Guidelines and Considerations document.

Task 15.3 – Biological Assessment

- (1) Continued biweekly calls with the National Marine Fisheries Service, the U.S. Fish and Wildlife Service, and EPA on development of the biological assessment (BA).
- (1) Continued development of the BA. All sections of the document have been uploaded to the project's Microsoft Teams shared drive; however, the document is still iterative based on several key issues yet to be resolved.
- (1) Developed a draft conceptual model of the transload facility.

Task 15.4 – Flood Rise Model

- (1) On February 12, 2021, completed and delivered the revised level of effort for flood-rise modeling work effort clarifications as directed by EPA in a January 5, 2021 meeting.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000009
 Invoice Period: 31-JAN-2021 to 27-FEB-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	19.0	\$3,140.92	37.0	\$6,149.67	18.81%	18.81%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	280.8	\$39,118.58	2488.5	\$373,767.74	25.11%	25.11%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	30.8	\$6,069.01	126.8	\$20,857.39	7.56%	7.56%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968					0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051					0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491					0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	49.5	\$7,881.29	343.5	\$54,807.46	13.21%	13.21%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	82.8	\$11,314.36	448.8	\$63,959.51	68.79%	68.79%
	Subtotal		\$2,569,904	\$2,569,904	462.8	\$67,524.16	3730.5	\$557,155.80		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	29.5	\$4,147.04	380.5	\$46,841.64	54.90%	54.90%
	Total Option 46		\$85,316	\$85,316	29.5	\$4,147.04	380.5	\$46,841.64		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	7.5	\$1,034.86	15.0	\$1,932.17	4.61%	4.61%
	Total Option 47		\$41,890	\$41,890	7.5	\$1,034.86	15.0	\$1,932.17		

Task Order Progress Report for Invoice #10

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 02/28/2021 to 04/03/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Prepared for and attended planning meetings for fund-lead work efforts on March 5, 9, 12, 18, 19, 25, and 26, and April 1, 2021.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA Task Order Contracting Officer Representative (TOCOR).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (2) Incorporated task scope and budget updates into CDM Smith's accounting system based on EPA contract modification received March 8, 2021.
- (2) Developed and submitted change notifications CN008, CN009, and CN010.
- (3) Developed invoice package free of confidential business information for EPA use in submitting invoice information for potentially responsible party cost recovery.

Task 4.0 – Community Involvement Support

- (4) Developed responses to community questions on existing data at the Cathedral Park Project Area and the Portland Harbor risk assessments.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed summary status for and participated in Portland Harbor Technical Coordination Team (TCT) meetings on March 10 and 24, 2021.
- (2) Attended EPA manager meetings on March 2, 9, 16, 23, and 30, 2021.
- (2) Participated in Portland Sediment Evaluation Team meetings on March 10 and 24, 2021.
- (2) Participated in and led technical coordination calls between EPA TOCORs and CDM Smith task leads on March 4, 11, 18, and 25 and April 1, 2021.

- (1) Participated in EPA technical discussion meetings on buried contamination and ambient waterquality criteria-based groundwater cleanup levels on March 4 and 11, 2021, respectively.

Task 15.2 – Technical Assistance

- (1) Discussed the RD guidelines and considerations document revisions and Appendix C points of compliance monitoring tables and continued refining those tables.
- (1) Continued to address EPA edits and comments to the updated RD guidelines and considerations document.

Task 15.3 – Biological Assessment

- (1) Continued biweekly calls with the National Marine Fisheries Service, the U.S. Fish and Wildlife Service, and EPA on developing the biological assessment (BA).
- (1) Continued revision of the BA text, tables, and figures based on ongoing discussions.

Task 15.4 – Flood Rise Model

- (1) Reviewed and discussed with the TOCOR on April 1, 2021 a new modeling approach with the U.S. Army Corps of Engineers (USACE) to meet EPA flood-rise modeling needs.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000010
 Invoice Period: 28-FEB-2021 to 03-APR-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	32.0	\$5,033.84	69.0	\$11,183.51	34.20%	34.20%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	351.0	\$52,652.00	2839.5	\$426,419.74	28.64%	28.64%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	5.0	\$667.66	131.8	\$21,525.05	7.80%	7.80%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491			0.0	\$0.00	0.00%	0.00%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	61.0	\$8,983.90	404.5	\$63,791.36	15.38%	15.38%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	114.3	\$15,890.89	563.0	\$79,850.40	85.88%	85.88%
	Subtotal		\$2,569,904	\$2,569,904	563.3	\$83,228.29	4293.7	\$640,384.09		
Site Wide Work- Options										
Option46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	120.6	\$16,087.25	501.1	\$62,928.89	73.76%	73.76%
	Total Option 46		\$85,316	\$85,316	120.6	\$16,087.25	501.1	\$62,928.89		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	5.0	\$757.26	20.0	\$2,689.43	6.42%	6.42%
	Total Option 47		\$41,890	\$41,890	5.0	\$757.26	20.0	\$2,689.43		

Task Order Progress Report for Invoice #11

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: 05/27/2020 to 09/27/2023 (Base Period)

Reporting Period: 04/04/2021 to 05/01/2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Prepared for and attended planning meetings for fund-lead work efforts on April 8, 15, 22, and 29, 2021.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA Task Order Contracting Officer Representatives (TOCORs).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (3) Provided an update on earned value tracking metrics to the TOCORs.
- (2) Enrolled contract amendment P00004 into CDM Smith's accounting system.
- (2) Prepared draft change notification CN010.

Task 8.3 – Data Management/Scribe Support

- (2) Coordinated with the State of Oregon and the City of Portland contractor on Scribe electronic data deliverables.
- (2) Supported development of the Scribe database.

Task 15.1 – Technical Assistance Meeting Support

- (2) Participated in Portland Sediment Evaluation Team meetings on April 7 and 14, 2021.
- (2) Developed a summary status for and participated in Portland Harbor Technical Coordination Team (TCT) meetings on April 14 and 28, 2021.
- (2) Attended EPA manager meetings on April 6, 13, 20, and 27, 2021.
- (2) Led technical coordination calls between EPA TOCORs and CDM Smith task leads on April 8, 15, 22, and 29, 2021.
- (1) Participated in EPA technical discussion meetings on buried contamination on April 8, 13, 22, and 23, 2021.

Task 15.2 – Technical Assistance

- (1) Completed TCT comment management on the *Remedial Design Guidelines and Considerations* document.
- (1) Finalized revisions and submitted the completed update to the document for EPA submittal to the performing parties on April 23, 2021.

Task 15.3 – Biological Assessment

- (1) Continued biweekly calls with the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS), and EPA on development of the biological assessment.
- (1) Completed preparation of draft biological assessment text, tables, and figures on April 19, 2021.
- (1) Conducted technical review of the draft document concurrent with EPA and NMFS/USFWS fatal flaw reviews.

Task 15.4 – Flood Rise Model

- (1) Attended meetings with U.S. Army Corps of Engineers (USACE) and EPA on April 9 and 15, 2021 to discuss their plans for an updated model for the Lower Willamette River that could be used for Portland Harbor flood rise evaluations.
- (1) Developed a technical email and talking points for EPA to send to the USACE for modeling considerations.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: Remedial Acquisition Framework
 Design and Engineering Services
 TASK ORDER #: 68HE02720F0078
 INVOICE #: 000011
 Invoice Period: 04-APR-2021 to 01-MAY-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period		Expended Cumulative Period		% Spent (Budget)	% Spent (Funding)
No.	Description				Hours	Dollars	Hours	Dollars		
Site Wide Effort - Base										
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171			63.5	\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	23.0	\$3,641.57	92.0	\$14,825.08	45.34%	45.34%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750			128.0	\$16,717.23	70.39%	70.39%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536			94.5	\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	245.8	\$38,677.24	3085.2	\$465,096.98	31.24%	31.24%
4	Community Involvement	10TCBE00	\$275,817	\$275,817			131.8	\$21,525.05	7.80%	7.80%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968			0.0	\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051			0.0	\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	13.0	\$1,996.21	13.0	\$1,996.21	4.49%	4.49%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	34.0	\$5,645.79	438.5	\$69,437.15	16.74%	16.74%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976	114.0	\$13,092.77	677.0	\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	429.8	\$63,053.58	4723.5	\$703,437.67		
Site Wide Work- Options										
Option 46										
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	60.0	\$9,268.81	561.1	\$72,197.70	84.62%	84.62%
	Total Option 46		\$85,316	\$85,316	60.0	\$9,268.81	561.1	\$72,197.70		
Option 47										
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	12.0	\$2,039.61	32.0	\$4,729.04	11.29%	11.29%
	Total Option 47		\$41,890	\$41,890	12.0	\$2,039.61	32.0	\$4,729.04		

Task Order Progress Report for Invoice #12

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: May 2 to 29, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Prepared for and attended the planning meeting for fund-lead work efforts, including analytical planning, on May 6, 11, 13, 20, and 27, 2021.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Updated the split sampling quality assurance project plan (QAPP) for additional analyses.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence, for the EPA task order contracting officer representatives (TOCORs).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (3) Provided an update on earned value tracking metrics to the TOCORs.
- (2) Prepared change notifications CN011 through CN014.

Task 4.0 – Community Involvement

- (3) Addressed partner and public comments on the pre-design investigation (PDI) QAPP. This included preparing response to comment tables, figure edits, and text updates.
- (4) Revised the EPA-Lead PDI QAPP per public comments. This included preparing text updates.
- (3) Developed and submitted a work plan and level of effort for developing a narrated film of PDI core sampling and processing.
- (4) Developed a draft video storyboard for filming of EPA-Lead PDI sampling at Cathedral Park.

Task 8.3 – Data Management/Scribe Support

- (2) Continued setup and initialization of the Portland Harbor Scribe database.
- (2) Developed Scribe queries and a download process for the Portland Harbor Interim Database (PHIDB).

- (2) Tested the Scribe download process by pushing the PDI Scribe electronic data deliverables to Scribe.net.

Task 15.1 – Technical Assistance Meeting Support

- (2) Participated in Portland Sediment Evaluation Team meetings on May 19 and 26, 2021.
- (2) Developed a summary status for and participated in Portland Harbor Technical Coordination Team (TCT) meetings on May 12 and 26, 2021.
- (2) Attended EPA manager meetings on May 4, 11, 18, and 25, 2021.
- (2) Led technical coordination calls between EPA TOCORS and CDM Smith task leads on May 6, 13, 20, and 27, 2021.

Task 15.3 – Biological Assessment

- (1) Continued biweekly calls with the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS), and EPA on development of the biological assessment.
- (1) Revised the biological assessment in accordance with comments from EPA, NMFS, USFWS, and CDM Smith.
- (1) Participated in a call on habitat equivalency analysis approach with EPA, NMFS, National Oceanic and Atmospheric Administration's Restoration Center, USFWS, and the Five Tribes' consultant on May 13, 2021.

Task 15.4 – Flood Rise Model

- (1) Attended a call with the U.S. Army Corps of Engineers and EPA on May 24, 2021 to discuss steps forward to developing a flood rise model for use in Portland Harbor RD.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000012
 Invoice Period: 02-MAY-2021 to 29-MAY-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$2,857.23	\$17,682.31	54.08%	54.08%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$1,562.46	\$18,279.69	76.97%	76.97%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$41,954.66	\$507,051.64	34.06%	34.06%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$17,115.90	\$38,640.95	14.01%	14.01%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$4,044.80	\$6,041.01	13.58%	13.58%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$8,345.84	\$77,782.99	18.75%	18.75%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
Subtotal			\$2,569,904	\$2,569,904	\$75,880.89	\$779,318.56		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	\$9,681.84	\$81,879.54	95.97%	95.97%
Total Option 46			\$85,316	\$85,316	\$9,681.84	\$81,879.54		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$335.30	\$5,064.34	12.09%	12.09%
Total Option 47			\$41,890	\$41,890	\$335.30	\$5,064.34		

Task Order Progress Report for Invoice #13

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: May 30 to July 3, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Continued fund-lead planning coordination calls with EPA Region 10 Manchester Environmental Laboratory (MEL) and U.S. Army Corps of Engineers (USACE) representatives.
- (1) Developed information on the proper integration of applicable or relevant and appropriate requirements (ARARs) into remedial design (RD) for a pending presentation to EPA Task Order Contracting Officer Representatives (TOCORs).

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Updated the Split Sampling Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) for additional analyses.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- (1) Monitored work effort specific to RD deliverables.
- (2) Prepared change notifications CN015 and CN016.
- (2) Coordinated with EPA to develop a project-specific insurance coverage form that includes Oregon Department of State Lands.
- (2) Coordinated with EPA to identify priority tasks for the next contract funding modification.

Task 4.0 – Community Involvement

- (2) Continued updates to the UFP QAPP related to community input. Performed technical review and quality assurance review of the document. Responded to community, Technical Coordination Team (TCT), and Oregon Department of Environmental Quality (DEQ) comments and updates to the UFP QAPP
- (4) Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including performing a mock sampling effort at Cathedral Park and

producing a movie short on core sampling and processing.

Task 8.3 – Data Management/Scribe Support

- (2) Tested summation queries developed by the State of Oregon and City of Portland interim database contractors and provided feedback for revisions.

Task 15.1 – Technical Assistance Meeting Support

- (2) Participated in a Portland Sediment Evaluation Team meeting on June 16, 2021.
- (2) Developed a summary status for and participated in TCT meetings on June 9 and 23, 2021.
- (2) Attended EPA manager meetings on June 1, 8, 15, 22, and 29, 2021.
- (2) Led technical coordination calls between EPA TOCORs and CDM Smith task leads on June 3, 10, 17, and 24, and July 1, 2021.

Task 15.3 – Biological Assessment

- (1) Continued biweekly calls with the National Marine Fisheries Service (NMFS), the U.S. Fish and Wildlife Service (USFWS), and EPA on development of the biological assessment.
- (1) Prepared response to comments tables for TCT comments by DEQ, Five Tribes, and Yakama Nation.
- (1) Revised the biological assessment in accordance with TCT comments and additional comments by EPA, NMFS, USFWS, and CDM Smith. Prepared the biological assessment for submittal to NMFS and USFWS.

Task 15.4 – Flood Rise Model

- (1) Attended a call with USACE and EPA on June 11, 2021, to discuss progress and details in developing a flood rise model for use in Portland Harbor RD.
- (1) Conducted a follow-up communication brief with EPA focused on next steps in the coordination with USACE and schedule for flood-rise modeling.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000013
 Invoice Period: 30-MAY-2021 to 03-JUL-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$3,284.45	\$20,966.76	64.12%	64.12%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$913.92	\$19,193.61	80.82%	80.82%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$48,309.83	\$555,361.47	37.31%	37.31%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$9,163.44	\$47,804.39	17.33%	17.33%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$2,260.53	\$8,301.54	18.66%	18.66%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$8,034.97	\$85,817.96	20.69%	20.69%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$71,967.14	\$851,285.70		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316	\$3,872.11	\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$3,872.11	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$557.22	\$5,621.56	13.42%	13.42%
	Total Option 47		\$41,890	\$41,890	\$557.22	\$5,621.56		

Task Order Progress Report for Invoice #14

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: July 4, 2021 to July 31, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Continued fund-lead planning coordination calls with EPA Region 10 Manchester Environmental Laboratory (MEL) and U.S. Army Corps of Engineers (USACE) representatives.
- (1) Continued development of information on the proper integration of applicable or relevant and appropriate requirements (ARARs) into remedial design (RD) for the planned August 5, 2021 presentation to EPA Task Order Contracting Officer Representatives (TOCORs).

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Finalized revisions to the Split Sampling Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) for additional analyses.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- (1) Monitored work effort specific to RD deliverables.
- (2) Enrolled task order modification P00008 into CDM Smith's accounting system.
- (2) Coordinated with EPA to identify priority tasks for the next contract funding modification.

Task 4.0 – Community Involvement

- (2) Continued updates to the UFP QAPP related to community input. Performed technical review and QA review of the document. Responded to community, Technical Coordination Team (TCT), and Oregon Department of Environmental Quality (DEQ) comments and updates to the UFP QAPP.
- (4) Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including performing a mock sampling effort at Cathedral Park and producing a movie short on core sampling and processing.

Task 8.3 – Data Management/Scribe Support

- (1) Performed initial QA review of the 2018 PDI/baseline sampling data in the Portland interim database to confirm consistency with the final EPA-approved database file.
- (1) Provided troubleshooting support for the State of Oregon and the City of Portland interim database contractors to address questions on the interim database process posed by the RD performing parties

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed a status summary for and participated in TCT meetings on July 11 and 25, 2021.
- (2) Attended EPA manager meetings on July 6, 13, 20 and 27, 2021.
- (2) Led technical coordination calls between EPA TOCORs and CDM Smith task leads on July 8, 15, 22, and 29, 2021.

Task 15.4 – Flood Rise Model

- (1) Attended USACE Lower Willamette hydraulic model meeting on behalf of EPA.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000014
 Invoice Period: 04-JUL-2021 to 31-JUL-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$2,514.64	\$23,481.40	71.81%	71.81%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$626.14	\$19,819.75	83.45%	83.45%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,187.11	83.84%	83.84%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$38,946.54	\$594,308.01	39.92%	39.92%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$3,500.85	\$51,305.24	18.60%	18.60%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$0.00	0.00%	0.00%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$3,097.90	\$11,399.44	25.62%	25.62%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$5,964.56	\$91,782.52	22.13%	22.13%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$54,650.63	\$905,936.33		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$278.61	\$5,900.17	14.08%	14.08%
	Total Option 47		\$41,890	\$41,890	\$278.61	\$5,900.17		

Task Order Progress Report for Invoice #15

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: August 1, 2021 to August 28, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (4) Continued fund-lead planning coordination calls with EPA Region 10 Manchester Environmental Laboratory (MEL) and U.S. Army Corps of Engineers (USACE) representatives.
- (1) Provided an initial presentation on August 5, 2021, related to the integration of applicable or relevant and appropriate requirements into remedial design (RD) to EPA Task Order Contracting Officer Representatives (TOCORs) and Office of Regional Counsel staff.

Task 2.1 – Split Sampling Quality Assurance Project Plan

- (1) Finalized the Split Sampling Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) for additional analyses.

Task 2.5 – Health and Safety Plan

- (4) Performed review of COVID-19 procedures in the existing health and safety plan (HASP) to confirm consistency with updated Oregon State requirements in preparation for Cathedral Park/unassigned area PDI sampling efforts.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- (1) Monitored work effort specific to RD deliverables.
- (2) Reviewed and responded to a funding modification request for statement of work for Tasks 15.2, 15.4, and 15.7 by developing a basis of estimate and negotiating hours based on the work effort described in the statement of work.
- (2) Drafted change notifications CN017 and CN018.

Task 4.0 – Community Involvement

- (2) Finalized updates to the UFP QAPP based on community input.
- (4) Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including public viewing of ISM beach sampling at Cathedral Park and producing a movie short on core sampling and processing.
- (2) Discussed and provided consultation on use and contract applicability of using unmanned aircraft systems on the Portland Harbor project.
- (2) Procured videography equipment and planned a revised mobilization effort for collecting wide- perspective video of core sampling without drone use.

Task 8.2 – Statistical Analysis

- (4) Supported the data replacement and buried contamination evaluation and discussions with performing parties, including the Port of Portland for the T4 and RM11E areas and NW Natural for the Gasco RD area. Statistical services support was provided by John Kern through a subcontract.

Task 8.3 – Data Management/Scribe Support

- (2) Performed revisions to scripts to be used for Scribe uploads.
- (4) Addressed RM11E and Gasco data issues that included additional database extractions.
- (2) Addressed updates to the Portland Harbor Interim Database valid values and electronic data deliverables.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on August 11 and 25, 2021.
- (2) Attended EPA manager meetings on August 3, 10, 17, and 24, 2021.
- (2) Led technical coordination calls between the EPA TOCORS and CDM Smith task leads on August 5, 12, and 19, 2021.

Task 15.4 – Flood Rise Model

- (1) Reviewed USACE's *Hydraulic Model Plan for the Lower Willamette HEC-RAS Model* for its adequacy in addressing Portland Harbor RD hydrodynamic modeling needs.
- (1) Attended an August 8, 2021 meeting with the EPA TOCOR (Josie Clark) to discuss findings of the review and determine next steps for coordination with USACE.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000015
 Invoice Period: 01-AUG-2021 to 28-AUG-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$2,468.88	\$25,950.28	79.36%	79.36%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750	\$66.06	\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536	\$198.02	\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$38,118.19	\$632,426.20	42.48%	42.48%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$5,135.44	\$56,440.68	20.46%	20.46%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051	\$7,963.66	\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$3,920.76	\$15,320.20	34.43%	34.43%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$4,429.45	\$96,211.97	23.19%	23.19%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
	Subtotal		\$2,569,904	\$2,569,904	\$62,300.46	\$968,236.79		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$916.92	\$6,817.09	16.27%	16.27%
	Total Option 47		\$41,890	\$41,890	\$916.92	\$6,817.09		

Task Order Progress Report for Invoice #16

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: August 29, 2021 to October 2, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (1) Prepared for and provided a presentation on September 23, 2021, related to habitat equivalency assessment requirements with regard to remedial design (RD), to EPA Task Order Contracting Officer Representatives (TOCORs).

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- (1) Monitored work effort specific to RD deliverables.
- (2) Reviewed and responded to an administrative contract modification to (1) incorporate the Service Contract Act wage determination, (2) add a new Attachment B crosswalk and correct accounting line info for the site IDs.
- (2) Submitted change notifications CN017 and CN018 for review and approval.

Task 4.0 – Community Involvement

- (4) Continued coordination efforts with EPA on planning community involvement activities during fund-lead sampling, including public viewing of incremental sampling method (ISM) beach sampling at Cathedral Park.
- (4) Processed, edited, and narrated 18 movie short clips on core sampling and processing at Cathedral Park.

Task 8.3 – Data Management/Scribe Support

- (1) Performed a quality control comparison of the 2018 PDI/baseline data in the Portland Harbor Interim Database with the EPA-approved database and identified issues with the summations, which were communicated to the database contractors.
- (1) Prepared for an update of the 2018 PDI/baseline data in Scribe.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on September 8 and 22, 2021.
- (2) Attended EPA manager meetings on August 31 and September 7, 14, 21, and 28, 2021.
- (2) Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on September 3, 10, 17, and 24, and October 1, 2021.

Task 15.4 – Flood Rise Model

- (1) Prepared for and attended a September 3, 2021 meeting with EPA and USACE to discuss EPA's comments on USACE's Hydraulic Model Plan for the Lower Willamette HEC-RAS Model (this included a pre-call with the EPA TOCOR).
- (1) Attended a September 21, 2021 planning meeting with EPA to discuss a path forward.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000016
 Invoice Period: 29-AUG-2021 to 02-OCT-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$407.60	\$26,357.88	80.61%	80.61%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$43,619.33	\$676,045.53	45.41%	45.41%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$17,240.65	\$73,681.33	26.71%	26.71%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,652.75	\$16,972.95	38.15%	38.15%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$8,062.68	\$104,274.65	25.14%	25.14%
15.2	Technical Assistance TM	10TCBE00	\$92,976	\$92,976		\$92,943.17	99.96%	99.96%
Subtotal			\$2,569,904	\$2,569,904	\$70,983.01	\$1,039,219.80		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
Total Option 46			\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$41,890	\$41,890	\$1,346.72	\$8,163.81	19.49%	19.49%
Total Option 47			\$41,890	\$41,890	\$1,346.72	\$8,163.81		

Task Order Progress Report for Invoice #17

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020 to September 27, 2023 (Base Period)

Reporting Period: October 3 to 30, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 1.4 – Planning Meetings

- (1) Provided a Part 2 presentation of the applicable and relevant and appropriate requirement considerations for remedial design (RD) on October 14, 2021, to EPA Portland Harbor Task Order Contracting Officer Representatives (TOCORs) and Region 10 Office of Regional Counsel representatives.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA TOCORs.
- (1) Monitored work effort specific to RD deliverables.
- (2) Responded to an administrative contract modification to (1) incorporate the Service Contract Act wage determination, and (2) add a new Attachment B crosswalk and correct accounting line info for the site IDs.
- (2) Submitted change notifications CN019, CN020, CN021, and CN022 for review and approval.

Task 4.0 – Community Involvement

- (2) Performed online training related to Trauma Informed Care.
- (2) Completed and submitted draft film clips for Life of a Portland Harbor Sediment Core.
- (2) Attended a meeting on October 8, 2021, with EPA to preview draft film clips and discuss next steps.

Task 8.3 – Data Management/Scribe Support

- (1) Performed a follow-up quality control comparison of the 2018 PDI/baseline data in the Portland Harbor Interim Database to determine whether previously identified issues were addressed by the database contractors.

- (1) Identified new issues with summation results that contain field duplicates (which were not calculated following the DMP duplicate handling rules); the issues were communicated to the database contractors.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on October 13 and 27, 2021.
- (2) Attended EPA manager meetings on October 5, 12, 19, and 26, 2021.
- (2) Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on October 7, 14, and 21, 2021.
- (2) Prepared for and attended a meeting with EPA on October 26, 2021, to discuss EPA's documentation on sediment and soil waste disposal.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000017
 Invoice Period: 03-OCT-2021 to 30-OCT-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699	\$774.48	\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$40,590.37	\$716,635.90	48.14%	48.14%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$3,203.07	\$76,884.40	27.88%	27.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,742.13	\$18,715.08	42.06%	42.06%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$7,491.77	\$111,766.42	26.94%	26.94%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953		\$92,943.17	39.06%	39.06%
	Subtotal		\$2,714,880	\$2,714,880	\$53,801.82	\$1,093,021.62		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797		\$8,163.81	10.49%	10.49%
	Total Option 47		\$77,797	\$77,797	\$0.00	\$8,163.81		

Task Order Progress Report for Invoice #18

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: October 31 to November 27, 2021

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (2) Submitted change notifications CN023, CN024, and CN025 for review and approval.
- (4) Discussed and presented feasibility study (FS) and basis of estimate cost information to inform future funding needs for completion of RD at Cathedral Park and unassigned areas.

Task 8.3 – Data Management/Scribe Support

- (1) Prepared for and attended a meeting with EPA on November 2, 2021, to discuss summations quality control issues identified in the 2018 PDI/baseline data in the Portland Harbor Interim Database.
- (1) Reuploaded the 2018 PDI/baseline data to Scribe.NET.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on November 10 and 24, 2021.
- (2) Attended EPA manager meetings on November 2, 9, 16, and 23, 2021.
- (2) Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on November 4 and 18, 2021.
- (2) Prepared for and attended a meeting with EPA on October 26, 2021, to discuss EPA's documentation on sediment and soil waste disposal.

Task 15.2 – Technical Support

- (1) Developed a draft example detailed RD schedule for informing EPA of schedule changes because of additional performing party document submittals and extension requests. A draft example will be demonstrated in a future Thursday technical call.

- (1) Provided EPA technical support on the buried contamination approach.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000018
 Invoice Period: 31-OCT-2021 to 27-NOV-2021
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$46,927.50	\$763,563.40	51.29%	51.29%
4	Community Involvement	10TCBE00	\$275,817	\$275,817		\$76,884.40	27.88%	27.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$7,963.66	4.94%	4.94%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,256.09	\$19,971.17	44.89%	44.89%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$7,373.48	\$119,139.90	28.72%	28.72%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$4,596.97	\$97,540.14	40.99%	40.99%
Subtotal			\$2,714,880	\$2,714,880	\$60,154.04	\$1,153,175.66		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
Total Option 46			\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797		\$8,163.81	10.49%	10.49%
Total Option 47			\$77,797	\$77,797	\$0.00	\$8,163.81		

Task Order Progress Report for Invoice #19

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: November 28, 2021, to January 1, 2022

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- (1) Monitored work effort specific to RD deliverables.
- (2) Submitted change notifications CN026, CN027, and CN028 for review and approval.
- (4) Discussed and presented feasibility study (FS) and basis of estimate cost information to inform future funding needs for completion of RD at Cathedral Park and unassigned areas.

Task 8.2 – Statistical Analysis

- (1) Coordinated with our subcontractor for statistical evaluation and support related to the Upriver Reach dioxin/furan background sediment study.

Task 8.3 – Data Management/Scribe Support

- (1) Performed quality control review of the summations for samples with field duplicates in the 2018 PDI/baseline data to determine whether these data in the PHIDB follow the duplicate handling procedures in the Portland Harbor Program DMP.
- (1) Reuploaded the 2018 PDI/baseline data to Scribe.net.

Task 15.1 – Technical Assistance Meeting Support

- (2) Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on December 8, 2021.
- (2) Attended EPA manager meetings on November 30 and December 7 and 14, 2021.
- (2) Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on December 2, 9, and 16, 2021.
- (1) Participated in a technical meeting focused on interpolation methods for RD on December 15, 2021.
- (2) Attended a Portland Sediment Evaluation Team meeting on December 1, 2021.

- (1) Attended calls with EPA TOCORs and attorneys, and the City of Portland to finalize EPA comments on the Draft Programmatic Institutional Control Implementation and Assurance Plan (ICIAP) (transferred 4.5 hours from the ICIAP task owing to funding limitations).

Task 15.2 – Technical Support

- (1) Continued developing a draft example detailed RD schedule for informing EPA of schedule changes because of additional performing party document submittals and extension requests. A draft example will be demonstrated in a future Thursday technical call.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000019
 Invoice Period: 28-NOV-2021 to 01-JAN-2022
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$41,747.42	\$805,310.82	54.10%	54.10%
4	Community Involvement	10TCBE00	\$275,817	\$275,817		\$76,884.40	27.88%	27.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051	\$56.29	\$8,019.95	4.98%	4.98%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$1,653.46	\$21,624.63	48.60%	48.60%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$7,855.36	\$126,995.26	30.62%	30.62%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$5,123.25	\$102,663.39	43.14%	43.14%
Subtotal			\$2,714,880	\$2,714,880	\$56,435.78	\$1,209,611.44		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
Total Option 46			\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797		\$8,163.81	10.49%	10.49%
Total Option 47			\$77,797	\$77,797	\$0.00	\$8,163.81		

Task Order Progress Report for Invoice #20

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: January 2, 2022 to January 29, 2022

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (2) Submitted change notifications CN029 and CN030 for review and approval.
- (2) Prepared a prioritized list of activities with level of effort estimates for Task 15.2 and identified other tasks that have reached funding upper limits and are in need of funding modifications.
- (3) Updated an earned value chart to share and discuss with EPA TOCORs.

Task 4.0 Community Involvement

- (2) Performed planning and coordination of filming at the EPA Manchester Lab, including procurement of camera equipment and development of a film sequence storyboard for the day of filming.

Task 8.3 – Data Management/Scribe Support

- (1) Completed the final upload of the 2018 PDI/baseline data to Scribe.net.
- (4) Performed a quality control review of the summations and field duplicate handling for the 2019 Siltronic data to determine whether these data follow the procedures in the Portland Harbor Program Data Management Plan. Issues with the data were identified and transmitted to EPA via email.

Task 15.1 – Technical Assistance Meeting Support

- (2) Attended Portland Sediment Evaluation Team meetings on January 12 and 19, 2022.
- (2) Developed a status summary for and participated in Technical Coordination Team (TCT) meetings on January 12 and 26, 2022.
- (2) Attended EPA manager meetings on January 4, 11, 18, and 25, 2022.

- (2) Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on January 2, 9, and 16, 2022.
- (1) Participated in a technical meeting focused on interpolation methods for RD on January 6, 13, 20, and 27, 2022.
- (1) Attended an ad hoc TCT meeting on January 4, 2022, to discuss use of j-flags for sediment management area (SMA) delineation involving dioxin/furan data.
- (1) Attending meetings with EPA regarding the programmatic biological assessment on January 5 and 19, 2022.

Task 15.2 – Technical Support

- (1) Prepared a draft technical memorandum on preferred interpolation methodology for RD to include in Appendix B of the Portland Harbor Remedial Design Guidelines and Considerations document.
- (1) Prepared an update of the general RD schedule tracking table and pending deliverable list.
- (2) Attended initial Remedial Action Workshop meeting with EPA and performing parties on January 13, 2022.
- (1) Continued supporting EPA on the buried contamination evaluation approach.

Task 15.4 – Flood Rise Model

- (1) Performed review of U.S. Army Corps of Engineers' (USACE's) model and evaluated the effort to convert the model for flood rise application.
- (1) Discussed USACE model review findings with the EPA TOCOR and prepared for a meeting with USACE.
- (1) Attended a meeting with EPA to prepare for discussions with USACE on next steps with flood rise modeling.
- (1) Attended a meeting with EPA and USACE on January 20, 2022, to discuss next steps with flood rise modeling.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000020
 Invoice Period: 02-JAN-2022 to 29-JAN-2022
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$43,725.09	\$849,035.91	57.03%	57.03%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$1,589.61	\$78,474.01	28.45%	28.45%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051		\$8,019.95	4.98%	4.98%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$2,542.39	\$24,167.02	54.32%	54.32%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$11,532.74	\$138,528.00	33.40%	33.40%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$5,089.90	\$107,753.29	45.28%	45.28%
	Subtotal		\$2,714,880	\$2,714,880	\$64,479.73	\$1,274,091.17		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797	\$1,460.06	\$9,623.87	12.37%	12.37%
	Total Option 47		\$77,797	\$77,797	\$1,460.06	\$9,623.87		

Task Order Progress Report for Invoice #21

Portland Harbor Superfund Site

(10TC Tasks)

Contract: 68HE0318D0003

Task Order: 68HE0720F0078

Task Order Period of Performance: May 27, 2020, to September 27, 2023 (Base Period)

Reporting Period: January 30, 2022, to February 26, 2022

I. Summary of Expenditures for the Reporting Period

See Attachment B, Task and Site Identification Crosswalk.

II. Discussion of Activities Conducted During the Reporting Period

The following activities were performed during the reporting period. Tasks in the contract not identified below had no activity during that period. Itemized hours and costs per task and the associated U.S. Environmental Protection Agency (EPA) cost recovery codes are provided in Attachment B.

Task 3.0 – Project Management, Monitoring, and Reporting

- (1) Performed regular task order maintenance, such as weekly financial tracking, monthly invoice preparation, monthly resource forecasting, and general task order correspondence for the EPA Task Order Contracting Officer Representatives (TOCORs).
- (1) Monitored work effort specific to remedial design (RD) deliverables.
- (2) Submitted change notification CN031 for review and approval.

Task 4.0 Community Involvement

- (2) Filmed laboratory processes at the EPA Manchester Laboratory, and incurred travel expenses.
- (2) Started postprocessing the film.

Task 8.2 – Statistical Analysis

- (1) Coordinated, reviewed, and revised the draft Upriver Reach statistical analyses memorandum developed by John Kern and submitted it to EPA on February 25, 2022.

Task 8.3 – Data Management/Scribe Support

- (4) Performed a quality control review of Siltronic data to determine whether these data meet the requirements in the Portland Harbor Program Data Management Plan.
- (1) Prepared and transmitted the Daimler Trucks North America Phase 1 and 1b sediment data to the contractor managing the Portland Harbor Environmental Data Portal.

Task 15.1 – Technical Assistance Meeting Support

- (1) Attended a meeting with EPA and the City of Portland to discuss the Draft Programmatic Institutional Control Implementation and Assurance Plan (ICIAP) comments on February 10, 2022.
- (1) Attended meetings with EPA and National Marine Fisheries Service regarding the programmatic biological assessment on February 2, 16, and 22, 2022.
- (1) Attended a technical meeting with EPA and the Oregon Department of Environmental Quality

- (ODEQ) on February 14 and 25, 2022, to discuss the background dioxin/furan study.
- (1) Attended an ad hoc technical meeting on February 1, 2022, to discuss the Portland Harbor groundwater/porewater cleanup levels and background concentration data.
- (2) Attended EPA manager meetings on February 1, 8, 15, and 22, 2022.
- (2) Performed activity tracking support for the Technical Coordination Team (TCT) and attended TCT meetings on February 9 and 23, 2022.
- (2) Prepared for and led technical coordination calls between the EPA TOCORs and CDM Smith task leads on February 3, 10, 17, and 24, 2022. Attended the Portland Sediment Evaluation Team meeting on February 16, 2022.

Task 15.2 – Technical Support

- (1) Reviewed the U.S. Geological Survey (USGS) Delft 3D model for climate change resiliency evaluation.
- (1) Prepared a PowerPoint presentation summarizing the review of the USGS Delft 3D model and identifying refinements needed for application to RD climate change resiliency within the Portland Harbor Site.
- (1) Updated to the RD progress tracking tables.
- (1) Developed a technical memorandum on interpolation methodology for Portland Harbor Site RD.

Task 15.4 – Flood Rise Model

- (1) Prepared for and attended a meeting with ODEQ and the U.S. Army Corps of Engineers on February 8, 2022, to discuss flood rise modeling.
- (1) Began developing a summary of the available models to use for flood rise and the outline of path-forward options to discuss with the performing parties.

ATTACHMENT B TASK AND SITE ID CROSSWALK

CONTRACT #: 68HE0318D0003
 CONTRACTOR NAME: CDM Federal Programs Corporation

TASK ORDER #: 68HE02720F0078
 INVOICE #: 000021
 Invoice Period: 30-JAN-2022 to 26-FEB-2022
 Period of Performance: 05/27/2020 to 09/27/2023

Task		EPA Site ID	Budget	Funded	Expended Current Period	Expended Cumulative Period	% Spent (Budget)	% Spent (Funding)
No.	Description							
Site Wide Effort - Base								
1.1	Kickoff Meeting	10TCBE00	\$13,171	\$13,171		\$8,709.69	66.13%	66.13%
1.4	Systemic Project Planning Meetings	10TCBE00	\$32,699	\$32,699		\$27,132.36	82.98%	82.98%
2.1	UFP-QAPP Split Sampling	10TCBE00	\$23,750	\$23,750		\$19,885.81	83.73%	83.73%
2.5	Health & Safety Plan	10TCBE00	\$14,536	\$14,536		\$12,385.13	85.21%	85.21%
3	Project Management, Monitoring & Reporting	10TCBE00	\$1,488,642	\$1,488,642	\$37,131.93	\$886,167.84	59.53%	59.53%
4	Community Involvement	10TCBE00	\$275,817	\$275,817	\$3,950.09	\$82,424.10	29.88%	29.88%
5	Task Order Closeout	10TCBE00	\$7,968	\$7,968		\$0.00	0.00%	0.00%
8.2	Statistical Analysis	10TCBE00	\$161,051	\$161,051	\$758.98	\$8,778.93	5.45%	5.45%
8.3	Data Management	10TCBE00	\$44,491	\$44,491	\$2,909.79	\$27,076.81	60.86%	60.86%
15.1	Technical Assistance Meeting and Support	10TCBE00	\$414,803	\$414,803	\$9,619.04	\$148,147.04	35.72%	35.72%
15.2	Technical Assistance TM	10TCBE00	\$237,953	\$237,953	\$10,163.96	\$117,917.25	49.55%	49.55%
	Subtotal		\$2,714,880	\$2,714,880	\$64,533.79	\$1,338,624.96		
Site Wide Work- Options								
Option 46								
15.3	Biological Assessment	10TCBE00	\$85,316	\$85,316		\$85,751.65	100.51%	100.51%
	Total Option 46		\$85,316	\$85,316	\$0.00	\$85,751.65		
Option 47								
15.4	Flood Rise Model	10TCBE00	\$77,797	\$77,797	\$2,361.96	\$11,985.83	15.41%	15.41%
	Total Option 47		\$77,797	\$77,797	\$2,361.96	\$11,985.83		

Attachment 2

Cost Summary Table



		Expenditure during reporting period																		Task Total
Task No.	Task Description	2020.08.23-2020.09.26	2020.09.27-2020.10.24	2020.10.25-2020.11.28	2020.11.29-2021.01.02	2021.01.03-2021.01.30	2021.01.31-2021.02.27	2021.02.28-2021.04.03	2021.04.04-2021.05.01	2021.05.02-2021.05.29	2021.05.30-2021.07.03	2021.07.04-2021.07.31	2021.08.01-2021.08.28	2021.08.29-2021.10.02	2021.10.03-2021.10.30	2021.10.31-2021.11.27	2021.11.28-2022.01.01	2022.01.02-2022.01.29	2022.01.30-2022.02.26	
	Invoice No.	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1.1	Kickoff Meeting																			
1.4	Systemic Project Planning Meetings	\$1,020.16	\$577.80	\$1,021.24	\$389.55		\$3,140.92	\$5,033.84	\$3,641.57	\$2,857.23	\$3,284.45	\$2,514.64	\$2,468.88	\$407.60	\$774.48					\$27,132.36
2.1	UFP-QAPP Split Sampling	\$4,899.40	\$5,624.38	\$1,337.27						\$1,562.46	\$913.92	\$626.14	\$66.06							\$15,029.63
2.5	Health & Safety Plan	\$2,719.20		\$1,161.69									\$198.02							\$4,079.41
3	Project Management, Monitoring & Reporting	\$39,594.05	\$37,439.43	\$32,737.62	\$34,785.25	\$33,373.63	\$39,118.58	\$52,652.00	\$38,677.24	\$41,954.66	\$48,309.83	\$38,946.54	\$38,118.19	\$43,619.33	\$40,590.37	\$46,927.50	\$41,747.42	\$43,725.09	\$37,131.93	\$729,448.66
4	Community Involvement	\$2,150.35	\$836.16	\$864.65	\$905.33	\$1,798.50	\$6,069.01	\$667.66		\$17,115.90	\$9,163.44	\$3,500.85	\$5,135.44	\$17,240.65	\$3,203.07			\$1,589.61	\$3,950.09	\$74,190.71
5	Task Order Closeout																			\$0.00
8.2	Statistical Analysis												\$7,963.66				\$56.25		\$758.98	\$8,778.93
8.3	Data Management								\$1,996.21	\$4,044.80	\$2,260.53	\$3,097.90	\$3,920.76	\$1,652.75	\$1,742.13	\$1,256.09	\$1,653.46	\$2,542.39	\$2,909.79	\$27,076.81
15.1	Technical Assistance Meeting and Support	\$7,853.08	\$3,221.79	\$5,388.88	\$3,768.15	\$6,220.47	\$7,881.29	\$8,983.90	\$5,645.79	\$8,345.84	\$8,034.97	\$5,964.56	\$4,429.45	\$8,062.68	\$7,491.77	\$7,373.48	\$7,855.36	\$11,532.74	\$9,619.04	\$127,673.24
15.2	Technical Assistance TM	\$3,586.64	\$5,270.05	\$20,246.69	\$9,266.90	\$7,776.36	\$11,314.36	\$15,890.89	\$13,092.77							\$4,596.97	\$5,123.25	\$5,089.90	\$10,163.96	\$111,418.74
15.3	Biological Assessment	\$2,856.26	\$11,053.19	\$17,220.69	\$7,229.15	\$4,335.31	\$4,147.04	\$16,087.25	\$9,268.81	\$9,681.84	\$3,872.11									\$85,751.65
15.4	Flood Rise Model					\$897.31	\$1,034.86	\$757.26	\$2,039.61	\$335.30	\$557.22	\$278.61	\$916.92	\$1,346.72				\$1,460.06	\$2,361.96	\$11,985.83
Total																				\$1,222,565.97

Red total	\$237,027.59
Orange Total	\$303,897.13
Yellow Total	\$403,009.57
Green Total	\$278,631.68
Total	\$1,222,565.97